VWR®
We Enable Science

VWR® FOR SAMPLING AND SAMPLE TRANSPORTATION

Sampling

Sample protection and monitoring

Sample transportation

Useful accessories



Safeguarding precious resources

SAMPLING AND SAMPLE TRANSPORTATION

We hope that you will notice several things about the VWR range of products for sampling and sample transportation.

Choice – enough to cover almost every application without being overwhelming

Performance – market leading consistency and reliability

Value for money – quality products that don't cost a fortune to buy

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Useful accessories

SYMBOLS

Autoclavable

USB connection

IVD **CE marking conform with IVD MDD 98/79 EC for In-vitro Diagnostics**

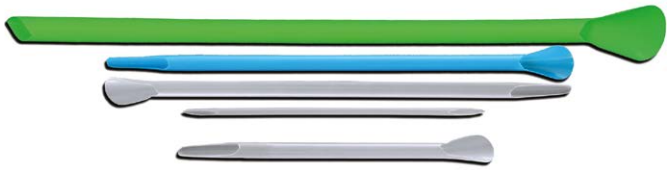
Sterile

Sustainable

Spatulas, disposable

PP

Multipurpose, robust and inexpensive tools for collecting, transferring and processing samples of chemical and biological materials. The innovative shape of these spatulas allows them to be used as a spatula, spoon, scoop, scraper, mixing rod or for wiping. Ideal for recovering samples that have been frozen in liquid nitrogen. The macro type disposable spatulas are 50% larger than standard disposable spatulas. The long shaft makes it easier to transfer material from larger containers.



- Resistant to dilute acids and alkalis
- Reduce cross-contamination
- Autoclavable
- Compliant with FDA standards for applications involving contact with food

Description	Type	Length (mm)	Colour	Pk	Cat. No.
Standard disposable spatulas	Standard	210	Blue	300	**231-0103**
Standard disposable spatulas	Standard	210	Natural	300	**231-0104**
Macro disposable spatulas	Macro	310	Green	150	**231-0105**
Micro disposable spatulas, anti-static	Micro	140	Natural	300	**231-0106**
Sterile disposable spatulas	Sterile	210	Natural	100	**231-0369**
Disposable Eco spatulas, biodegradable (EcoPure® additive)	Eco	140	Natural	300	**231-0416**

Spatulas

PS, white

This spatula with its long, ergonomic solid handle and pointed blade can be easily pierced into paper and plastic bags. Ideal for the sampling of powder, granules and pastes.

- Production, assembling and packaging according to cleanroom Class 7 (10 000)
- According to EU food and FDA guidelines
- Individually packed, gamma radiation sterilised



Length (mm)	Colour	Pk	Cat. No.
263	White	100	**231-0492**



Sampling spoons

PS, white

These disposable spoons are produced in a cleanroom environment and gamma radiation sterilised. They are ideal for the sampling of powder, granules and pastes.

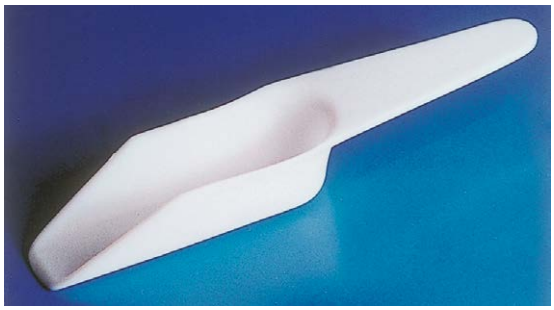
- Available in two different sizes: 2,5 ml (similar to a teaspoon) and 10 ml (similar to a tablespoon)
- Production, assembling and packaging according to cleanroom Class 7 (10 000)
- According to EU food and FDA guidelines
- Individually packed, gamma radiation sterilised

Length (mm)	Capacity (ml)	Pk	Cat. No.
127	2,5	100	**231-0493**
170	10	100	**231-0494**

Scoop

PTFE

- Totally chemically inert
- Overall length 140 mm



Length (mm)	Width (mm)	Ø (mm)	Pk	Cat. No.
80	30	20	1	**231-0501**

Sampling scoops

PS, white

These sterile scoops are ideal for the sampling of powder, granules and pastes. Thanks to the special handle construction and the slightly angled edge the scoop stands horizontal and can be laid down without the material trickling out.

- Production, assembling and packaging according to cleanroom Class 7 (10 000)
- According to EU food and FDA guidelines
- Individually packed, gamma radiation sterilised



Capacity (ml)	Length (mm)	Colour	Pk	Cat. No.
50	160	White	100	**231-0490**
150	216	White	100	**231-0491**



Sets of cutlery, sampling tools

Made from high impact PS. Disposable tool for sampling and sensorial tests made of high resistant plastic in green colour, irradiated and individually packed in bag with leakproof closure to avoid contamination. The snap re-closing allows to use the bag as a container for safe transfer and to transport the sample. Suitable for bacteriological and chemical analysis, ideal for food, dairy, pharmaceutical, cosmetic and chemical sectors.

- Packed ready for one time use and disposal
- Easy to open bag closing system
- Lot number identification for traceability according to GLP and GMP
- Irradiated by beta radiation
- Individually packed

Description	Pk	Cat. No.
Spoon	100	**481-0674**
Knife	100	**481-0675**
Fork	100	**481-0676**

Portable balance, Traceable® SpatulaBalance™

A unique product that combines the simplicity of a spatula with a balance, to quickly and more accurately measure the samples. Particularly useful in food and veterinary applications. Detachable, translucent scoop, graduated for liquid measurement, made of corrosion resistant ABS plastic which is dishwasher safe for effortless cleaning.

- Digital LCD in the easy grip handle with low battery indicator
- 5 - 30 ml graduations on scoop in 5 ml increments
- 3-position soft touch keys for tare, freezing display and conversion from grams to ounces
- Accuracy ±0,2 g or 0,25% in the level position
- Traceable® certificate (indicates traceability to standards provided by NIST)

Spoon volume: 32 ml

W×D×H: 230×30×15 mm

Weight: 85 g

Delivery information: Supplied with Traceable® certificate and 2× AAA batteries.



Model	Weighing cap. (g)	Readability (g)	Pk	Cat. No.
SpatulaBalance™	0 - 300	0,1	1	**611-1565**

Description	Pk	Cat. No.
Accessories		
Replacement plastic scoop	1	**611-1876**



Sampler, Dippa

This sampling bottle with removable handle is made of shatter-proof polypropylene and ideal for liquid sampling. Lot number, expiry date, instruction for use and code number are printed on each bag.

- Transparent for immediate visual inspection
- With red screw cap to ensure leak resistant
- Hook end to provide a better grip
- Irradiated
- Individually wrapped

Description	Material	Capacity (ml)	Pk	Cat. No.
Dippa sampler, sampling bottle, height 250 mm	PP	60	150	**331-0284**
Dippa sampler, sampling bottle, height 250 mm	PP	200	100	**331-0285**

Sample dippers

Extendible screw-in shafts have a steel core for rigidity and are fully encapsulated in PTFE. The basic unit consists of a container with a single 600 mm shaft. A second shaft (331-0005) can be screwed onto the handle to increase length.

- Very good chemical resistance
- Temperature resistant; suitable for use at high and low temperatures (–200 to +280 °C)

Description	Capacity	Pk	Cat. No.
Dipper	100	1	**331-0006**
Dipper	250	1	**331-0007**
Dipper	500	1	**331-0008**
Dipper	1000	1	**331-0009**
Replacement/extension shaft, 600 mm	-	1	**331-0005**





Sample dippers

All sample dippers are made of blue polypropylene and consist of a bottle with snap handle. Available with either hinged or screw cap. Made with PP CLEAR, a clear polypropylene film with a corona-treatment.

- Containers designed for sample collection and dispatch for testing in the same container, eliminating risk of cross-contamination
- Gamma sterilised and individually packed in sealed zip bag to guarantee integrity of sample

Description	Capacity (ml)	Pk	Cat. No.
Sample dippers, 275×30 mm, screw cap	40	250	**331-0292**
Sample dippers, hinged cap	90	150	**331-3413**
Sample dippers, 275×52 mm, screw cap	125	100	**331-0294**
Sample dippers, 305×52 mm, screw cap	180	100	**331-0293**

Complete sampling kit for food industries

Strong plastic briefcase with many sampling tools for food products, animal feed and water sampling.

- Solid and stable case
- All needed accessories disposable

Delivery information: Case includes a complete kit of sampling tools for food insdustries and a thermometer. With this kit is possible to sample any kind of material: powdered, liquid, solid, pasty, soft, creamy, frozen and granular.



Description	Pk	Cat. No.
Sampling collection kit, 510×400×130 mm, weight: 6,2 kg	1	**300-0162**

Description	Pk	Cat. No.
Accessories		
Dipper sampler, length container 78 mm	1	**300-0173**
Piston sampler	1	**300-0171**
Multi-sectored sampler – separated sectors	1	**300-0170**
Sample probe with needle, length w/o handle 340 mm	1	**300-0166**
Cyilindrical sample probe, length cylinder 120 mm, cylinder volume 50 ml	1	**300-0165**
Drill sample probe	1	**300-0164**
Drill sample probe, length w/o handle 385 mm	1	**300-0163**
Drill sample probe, length 125 mm w/o handle	1	**300-0291**
Syringe sampler, needle length 140 mm	1	**613-0504**



Liquid sampler

Dipper liquid sampler with valve operated by the centre rod. For immersion into cans, bottles, tanks, vats, etc. Centre rod with finger ring activates a valve on the bottom of the cup for rapid and convenient emptying. Suitable to collect milk, cream, whey, fruit juices, water and liquid in general. Ideal to use in dairy, food industries; health and water authorities.

- Sterilisable

Description	Material	Capacity (ml)	Length (mm)	Ø (mm)	Weight (g)	Pk	Cat. No.
Dipper sampler, length container 78 mm	AISI 316L	50	500	32	215	1	**300-0173**
Dipper sampler, length container 100 mm	Aluminium	100	510	40	338	1	**300-0172**

Ice sampler

Cylindrical probe - for aseptic sampling of ice cream and similar products.
The probe is completed with a special Pyrex test tube for transport of the sample to the laboratory. Ideal to use in food industry, ice cream producers, health authorities - made in AISI 316L stainless steel and chromium plated brass cylindrical probe with handle. Method of use: The sterilised cylindrical probe is extracted from the test tube and inserted into the sample. The probe is transferred into the test tube and in this condition is delivered to the laboratory for testing. During the transport the temperature should be maintained at -20 °C. All the above operations should be aseptically performed.

- Pyrex glass test tube
- Sterilisable



Description	Capacity (ml)	Length (mm)	Ø (mm)	Weight (g)	Pk	Cat. No.
Cyilindrical sample probe, length cylinder 120 mm, cylinder volume 50 ml	140	170	28	260	1	**300-0165**



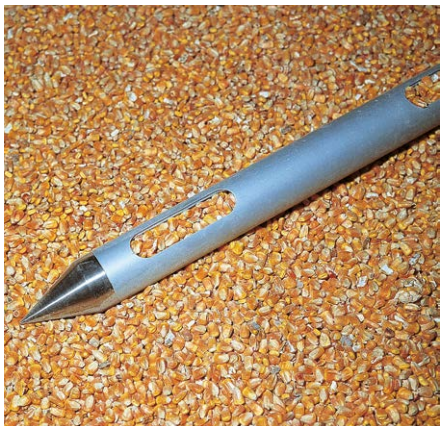
Sampling lance

Needle sampler suitable to collect powdered milk, flour, sand and cement.
Ideal to use in dairy, food, feed and chemical industries. Method of use: The sampler is placed into the product to be sampled and then transferred to a container.

- Manufactured from AISI 316L electropolished stainless steel
- With aluminium handle
- Sterilisable

Description	Material	Length (mm)	Ø (mm)	Weight (g)	Pk	Cat. No.
Drill sample probe, length w/o handle 385 mm	AISI 316L	480	28	450	1	**300-0163**

Multi-sector sampler



Multi-sectored sampler, for the sampling of powders, pellets and friable materials which may become non homogeneous in bags at various levels. The models with separate sections are mainly used for chemical or physical analysis; models with communicating sections are used for microbiological analysis. Suitable to collect cereals, granaries, seeds and rice from trucks, bulk containers and silos - made in anodised aluminium or in stainless steel. Method of use: The "T" handle is turned to close the cells and the steel point is inserted through the bag wall or the commodity. When the sampler is deep enough to cover the different sectors, the handle is turned a half turn to allow samples to enter and then returned to the original position. The sampler is now removed and the different samples placed into containers for analysis.

- With penetrating tip in stainless steel (for all models)
- Sterilisable

Description	Material	Capacity (ml)	Length (mm)	Ø (mm)	Weight (g)	Pk	Cat. No.
Multi-sectored sampler – separated sectors	AISI 316L	20	560	20	1011	1	**300-0292**
Multi-sectored sampler – separated sectors	AISI 316L	20	860	20	1655	1	**300-0293**
Multi-sectored sampler – separated sectors	Aluminium	20	560	20	378	1	**300-0170**
Multi-sectored sampler – comunicant sectors	Aluminium	44	550	20	296	1	**300-0169**
Multi-sectored sampler – separated sectors	Aluminium	25	860	20	618	1	**300-0168**
Multi-sectored sampler – comunicant sectors	Aluminium	73	860	20	434	1	**300-0167**



Powder sampler

Sampler probe specially designed for single samples from polyethylene or paper bags. The needle point sampler punctures the bag with minimum damage. Suitable to collect powder, flour, crystals, sugar etc. Method of use: The probe is pulled out with sample ready to be poured out of the hollow handle. A bag or a container can be positioned over the handle for sample collection. The hole on the side of the bag can be closed with adhesive tape or with the appropriate label.

- Ideal to use in pharmaceutical, chemical, food, feed and dairy industries
- Made of AISI 316L stainless steel

Description	Material	Length (mm)	Ø (mm)	Weight (g)	Pk	Cat. No.
Sample probe with needle, length w/o handle 340 mm	AISI 316L	435	20	155	1	**300-0166**

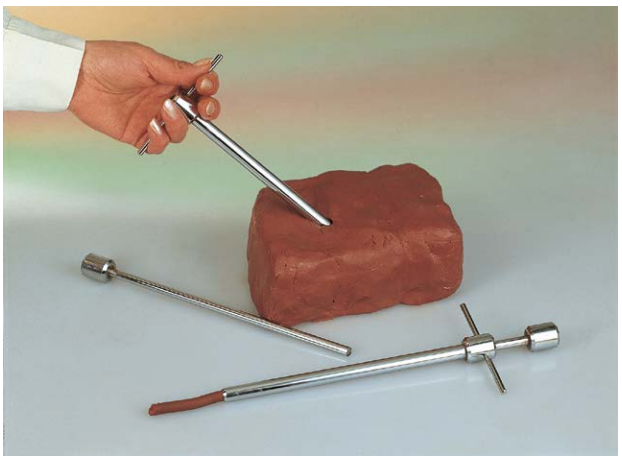
Syringe sampler

Syringe sampler for sampling liquids and viscous fluids - this unit has a large bore, a long needle welded to the syringe and is of particular use when sampling through small openings. Suitable to collect milk, cream, whey, yoghurt, liquids and semi-viscous materials. Ideal for use in dairy, food industries and health authorities. Chromium plated syringe with transparent graduated glass barrel and stainless steel large bore needle. Glass barrel and metal piston have the same thermal expansion coefficient.

- Can be sterilised by heat

Description	Capacity (ml)	Length (mm)	Weight (g)	Pk	Cat. No.
Syringe sampler, needle length 140 mm	50	285	260	1	**613-0504**





Cylindrical sampler for pasty material

Piston sampler, made in chromium plated brass, sterilisable. The end of the tube is sharp for puncturing boxes, bales or bags containing soft pasty materials. Suitable to collect fish and soft pasty material; for use in cosmetic and chemical industries. Method of use: After removing it from the container, the sampler is emptied by pushing the plunger through, thus releasing the sample into a beaker or other suitable sample container.

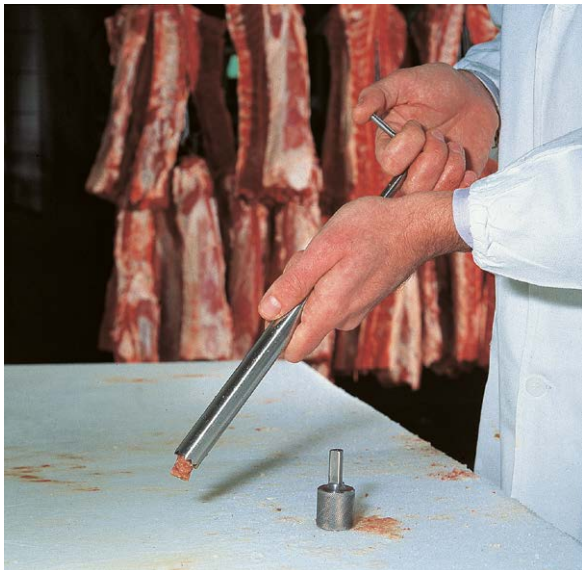
- Complete with an expelling plunger

Description	Capacity (ml)	Length (mm)	Weight (g)	Pk	Cat. No.
Piston sampler	13	260	400	1	**300-0171**

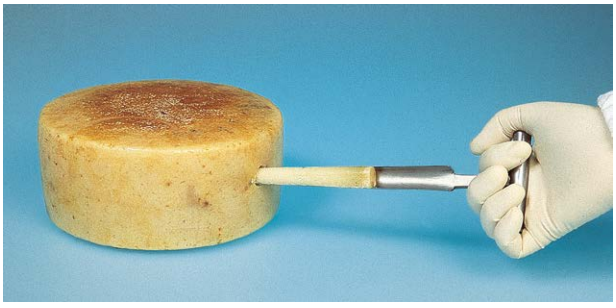
Sampler for frozen foods

Cylindrical probe for the proper sampling of frozen products packed in bulk – to be used with electrical drill - suitable to collect frozen goods. Ideal to use in food industry and for health authorities. Method of use: Probe is fixed to an electric drill. The drill is activated and then pushed against the frozen surface to be sampled. The sample is made easy by the counter clockwise rotation of the drill. The "carrot" is extracted from the probe with a rod and pushed into the sampling container. All these operations are aseptically performed in case of microbiological analysis.

- Made in AISI 316L electropolished stainless steel
- Standard connection for use with electric drill
- Complete with expelling rod
- Sterilisable



Description	Material	Capacity (ml)	Length (mm)	Ø (mm)	Weight (g)	Pk	Cat. No.
Drill sample probe	AISI 316L	24	245	21	360	1	**300-0164**



Conical sampler for solids

Sampler with tapered shape. Used for sampling solid and pasty products.

- Made of stainless steel
- Sterilisable

Description	Length (mm)	Ø (mm)	Weight (g)	Pk	Cat. No.
Drill sample probe, length 125 mm w/o handle	177	11-15	96	1	**300-0291**

Water sampling bottles, sterile





HDPE



These bottles are undosed or dosed with sodium thiosulphate, which inhibits the effects of chlorine, bromine and ozone present in the water when the sample is taken. Square or rectanguar bottles for more efficient storage.

- Dosage in compliance with standards: ISO 5667-3/ISO 19458
- Sodium thiosulphate in powder form
- Tamper-evident red screw cap guarantees the sterility of the bottles prior to use
- Shelf life up to 2 years

Capacity (ml)	Dosage	Cap	Packed	Neck Ø ext. (mm)	W×D×H (mm)	Pk	Cat. No.
Square bottles, narrow neck							
500	Undosed	Tamper-evident screw cap with shaped seal	Carton of 100	22	70×70×160	100	**331-0063**
500	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	Individually wrapped	22	70×70×160	100	**331-3412**
500	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	Carton of 100	22	70×70×160	100	**331-3411**
500	Sodium thiosulphate (20 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	Individually wrapped	29	70×70×148	100	**331-3405**
500	Sodium thiosulphate (20 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	Carton of 100	29	70×70×148	100	**331-3403**
500	Sodium thiosulphate (20 mg/l)	Screw cap with wad	Carton of 100	37	70×70×146	100	**331-0066**
500	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	Individually wrapped	22	70×70×160	100	**331-0068**
500	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	Carton of 100	22	70×70×160	100	**331-3427**
500	Sodium thiosulphate (120 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	Individually wrapped	29	70×70×160	100	**331-0067**
500	Sodium thiosulphate (120 mg/l)	Tamper-evident hinged cap with inner lip and safety ring	Carton of 100	29	70×70×148	100	**331-3426**
1000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	Individually wrapped	28	82×82×182	77	**331-3526**
1000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	Carton of 77	28	82×82×182	77	**331-3428**
1000	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	Individually wrapped	28	82×82×182	77	**331-0065**
1000	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with shaped seal	Carton of 77	28	82×82×182	77	**331-0064**
Rectangular bottles, narrow neck							
250	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	Individually wrapped	20	60×45×155	200	**331-3408**
250	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with shaped seal	Carton of 312	20	60×45×155	312	**331-3407**
Square bottles, wide neck							
250	Sodium thiosulphate (20 mg/l)	Screw cap with wad	Individually wrapped	37	57×57×109	182	**331-0070**
250	Sodium thiosulphate (20 mg/l)	Screw cap with wad	Carton of 210	37	57×57×109	210	**331-0069**
500	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with wad	Carton of 140	55	75×75×128	140	**331-0050**
500	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with wad	Individually wrapped	55	75×75×128	162	**331-0051**
Rectangular bottles, wide neck							
1000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with wad	Carton of 85	55	92×77×187	85	**331-0052**
1000	Sodium thiosulphate (120 mg/l)	Tamper-evident screw cap with wad	Carton of 85	55	92×77×187	85	**331-0053**
2000	Sodium thiosulphate (20 mg/l)	Tamper-evident screw cap with wad	Carton of 50	58	110×93×237	50	**331-0054**

Water sampling bottles, sterile

PET, virgin food grade with PP caps

Lightweight, durable bottles. Caps designed to shield neck from contamination. Choice of dosed and undosed bottles. Rectangular bottles for better storage with limited space.

- Different coloured caps for easy indentification of test
- Tamper-evident strip to ensure sampling integrity
- Full traceability, batch number and individual bottle number on each label
- Fully recyclable
- Cap diameter: 32 mm



Blue cap: For natural non chlorinated water without sodium thiosulphate

White cap: For chlorinated water dosed with 120 mg/l sodium thiosulphate

Red cap: For chlorinated water dosed with 20 mg/l sodium thiosulphate

Capacity (ml)	Dosage	Cap colour	W×D×H (mm)	Pk	Cat. No.
Square bottles					
500	Undosed	Blue	70x70x192	108	**331-0268**
500	Sodium thiosulphate (20 mg/l)	Red	70x70x192	108	**331-0272**
500	Sodium thiosulphate (120 mg/l)	White	70x70x192	108	**331-0276**
1000	Undosed	Blue	89x89x222	70	**331-0269**
1000	Sodium thiosulphate (20 mg/l)	Red	89x89x222	70	**331-0273**
1000	Sodium thiosulphate (120 mg/l)	White	89x89x222	70	**331-0277**
Rectangular bottles					
350	Undosed	Blue	70x50x174	144	**331-0256**
350	Sodium thiosulphate (20 mg/l)	Red	70x50x174	144	**331-0270**
350	Sodium thiosulphate (120 mg/l)	White	70x50x174	144	**331-0274**
500	Undosed	Blue	70x50x212	144	**331-0267**
500	Sodium thiosulphate (20 mg/l)	Red	70x50x212	144	**331-0271**
500	Sodium thiosulphate (120 mg/l)	White	70x50x212	144	**331-0275**



Water sampling bottles

PET, virgin food grade with PP caps

Lightweight, durable bottles. Tamper-evident screw caps designed to shield neck from contamination. Choice of dosed and undosed bottles. Square bottles for better storage with limited space.

- Different coloured caps for easy indentification of test
- Tamper-evident strip to ensure sampling integrity
- Full traceability, batch number and individual bottle number on each label
- Fully recyclable
- Cap diameter: 32 mm

Blue cap: For natural non chlorinated water without sodium thiosulphate

Red cap: For chlorinated water dosed with 20 mg/l sodium thiosulphate

White cap: For chlorinated water dosed with 120 mg/l sodium thiosulphate

Capacity (ml)	Dosage	Packed	Cap colour	W×D×H (mm)	Pk	Cat. No.
500	Undosed	Individually wrapped	Blue	70×70×192	100	**331-0286**
500	Undosed	Bulk	Blue	70×70×192	108	**331-0278**
500	Sodium thiosulphate (20 mg/l)	Individually wrapped	Red	70×70×192	100	**331-0287**
500	Sodium thiosulphate (20 mg/l)	Bulk	Red	70×70×192	108	**331-0280**
500	Sodium thiosulphate (120 mg/l)	Individually wrapped	White	70×70×192	100	**331-0288**
500	Sodium thiosulphate (120 mg/l)	Bulk	White	70×70×192	108	**331-0282**
1000	Undosed	Bulk	Blue	89×89×222	70	**331-0279**
1000	Sodium thiosulphate (20 mg/l)	Bulk	Red	89×89×222	70	**331-0281**
1000	Sodium thiosulphate (120 mg/l)	Bulk	White	89×89×222	70	**331-0283**



Bottles, narrow mouth, with screw cap, VWR® Standard Line



PET, with PP screw caps

For basic sample collecting. Non sterile, lightweight, round.

- 28 mm neck for all bottles
- Green colour protects light-sensitive material
- Manufactured from food grade PET

Capacity (ml)	Ø ext. (mm)	Height (mm)	Colour	Pk	Cat. No.
250	52	155	Clear	200	**331-0094**
500	62	215	Clear	100	**331-0095**
1000	80	270	Clear	60	**331-0096**
1000	80	270	Green	60	**331-0099**
2000	95	323	Clear	20	**331-0098**



Bottles, wide mouth, with screw cap, VWR® Standard Line

PET, clear

For basic sample collecting. Non sterile, lightweight, round or square.

- 34 mm neck for all bottles
- Tamper-evident screw caps
- Manufactured from food grade PET

Capacity (ml)	Ø ext. (mm)	Height (mm)	W×D×H (mm)	Type	Cap colour	Form	Pk	Cat. No.
250	55	140	-	Tamper-evident screw cap	Orange	Round	200	**331-0165**
500	70	168	-	Tamper-evident screw cap	Orange	Round	100	**331-0166**
250	-	-	48x48x140	Tamper-evident screw cap	Blue	Square	200	**331-0161**
500	-	-	62x62x172	Tamper-evident screw cap	Blue	Square	100	**331-0155**
1000	-	-	73x73x243	Tamper-evident screw cap	Blue	Square	70	**331-0167**
1000	-	-	73x73x243	Tamper-evident screw cap	Black	Square	70	**331-0170**





High performance bottles, narrow mouth, with screw cap, VWR® High Performance

LDPE, HDPE or PP with PP screw cap, translucent and amber

For storing and transporting liquids.

- LDPE heat resistant up to 80 °C
- HDPE heat resistant up to 120 °C
- PP heat resistant up to 135 °C, autoclavable
- Leakproof

Capacity (ml)	Thread	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
LDPE, translucent					
8	20-410	25	44	12	**215-3409**
8	20-410	25	44	2.000	**215-3409S**
15	20-410	25	58	12	**215-3410**
15	20-410	25	58	2.000	**215-3410S**
30	20-410	33	69	12	**215-3411**
30	20-410	33	69	1.000	**215-3411S**
60	20-410	39	88	12	**215-3412**
60	20-410	39	88	1.000	**215-3412S**
125	24-410	51	98	12	**215-3413**
125	24-410	51	98	500	**215-3413S**
500	28-410	72	164	12	**215-3414**
500	24-410	61	133	125	**215-3414S**
1000	38-430	91	199	6	**215-3415**
1000	38-430	91	199	50	**215-3415S**
2000	38-430	118	250	1	**215-1917**
HDPE, translucent					
4	13-415	16	41	12	**215-3400**
4	13-415	16	41	2.000	**215-3400S**
8	20-410	25	44	12	**215-3401**
8	20-410	25	44	2.000	**215-3401S**
15	20-410	25	58	12	**215-3402**
15	20-410	25	58	2.000	**215-3402S**
30	20-410	33	69	12	**215-3403**
30	20-410	33	69	1.000	**215-3403S**
60	20-410	39	88	12	**215-3404**
60	20-410	39	88	1.000	**215-3404S**
125	24-410	51	98	12	**215-3405**
125	24-410	51	98	500	**215-3405S**
250	24-410	61	133	12	**215-3406**
250	24-410	61	133	250	**215-3406S**
500	28-410	72	164	12	**215-3407**
500	28-410	72	164	125	**215-3407S**
1000	38-430	91	199	6	**215-3408**
1000	38-430	91	199	50	**215-3408S**

Capacity (ml)	Thread	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
HDPE, amber (to protect light-sensitive materials)					
4	13-415	16	41	12	**215-3416**
4	13-415	16	41	2.000	**215-3416S**
8	20-410	25	44	12	**215-3417**
8	20-410	25	44	2.000	**215-3417S**
15	20-410	25	58	12	**215-3418**
15	20-410	25	58	2.000	**215-3418S**
30	20-410	36	69	12	**215-3419**
30	20-410	36	69	1.000	**215-3419S**
60	20-410	39	88	12	**215-3420**
60	20-410	39	88	1.000	**215-3420S**
125	24-410	51	98	12	**215-3421**
125	24-410	51	98	500	**215-3421S**
250	24-410	61	133	12	**215-3422**
250	24-410	61	133	250	**215-3422S**
500	28-410	72	164	12	**215-3423**
500	28-410	72	133	125	**215-3423S**
1000	38-430	91	199	6	**215-3424**
1000	28-410	72	164	50	**215-3424S**
PP, translucent, autoclavable					
8	20-410	25	44	12	**215-3425**
8	20-410	25	44	2.000	**215-3425S**
15	20-410	25	58	12	**215-3426**
15	20-410	25	58	2.000	**215-3426S**
30	20-410	36	69	12	**215-2290**
30	20-410	36	69	1.000	**215-2290S**
60	20-410	39	88	12	**215-3427**
60	20-410	39	88	1.000	**215-3427S**
125	24-410	51	98	12	**215-3428**
125	24-410	51	98	500	**215-3428S**
250	24-410	61	133	12	**215-2291**
250	24-410	61	133	250	**215-2291S**
500	28-410	72	164	12	**215-3429**
500	28-410	72	164	125	**215-3429S**
1000	38-430	91	199	6	**215-3430**
1000	38-430	91	199	50	**215-3430S**

Bottles, narrow mouth, with screw cap

LDPE, translucent

Excellent for sample collection, storing and transporting liquids.

- Leakproof, robust and versatile
- Squeezable, containers can be used as dropper or wash bottles
- Raised graduations



Capacity (ml)	Thread (mm)	Ø ext. (mm)	Height (mm)	Neck I-Ø (mm)	Pk	Cat. No.
Bottles						
50	18	37	87	11	10	**215-5637**
100	18	47	105	11	10	**215-5638**
250	25	63	119	18	10	**215-5639**
500	25	78	152	18	12	**215-5640**
1000	28	96	206	20	12	**215-5641**
2000	28	120	264	20	6	**215-5642**

For bottles (ml)	Thread (mm)	Pk	Cat. No.
Spare screw caps			
50/100	18	10	**215-5643**
250/500	25	10	**215-5644**
1000/2000	28	10	**215-5645**
Dropper closure			
50/100	18	10	**215-2195**
250/500	25	10	**215-2196**
1000/2000	28	10	**215-2197**
Spray caps			
100	18	1	**215-6312**
250/500	25	1	**215-6313**
1000	28	1	**215-6314**



Bottles, narrow mouth, with screw cap

LDPE, amber

Perfect for sample collection, storage and transport.

- Coloured amber to protect light-sensitive liquids
- Leakproof, robust and versatile
- Raised graduations

Capacity (ml)	Thread (mm)	Ø ext. (mm)	Height (mm)	Neck I-Ø (mm)	Pk	Cat. No.
50	18	37	87	11	10	**215-5671**
100	18	47	105	11	10	**215-5672**
250	25	63	119	18	10	**215-5673**
500	25	78	152	18	12	**215-5674**
1000	28	96	206	20	12	**215-5675**

Bottles, wide mouth, square or rectangular, with screw cap



HDPE, translucent or HDPE, brown (2700 ml) with screw cap

Space saving bottles. Wide mouth, easy to fill. Translucent HDPE ensures good visibility of the content level. Screw cap with separate seal. Ideal for storage of liquids, solids and powders. Bottles with 500, 1000, 2000 and 2700 ml capacities have graduations. The 2500/2700 ml version has a carrying handle.

- Good chemical and temperature resistance
- Capped aseptic or capped ionised (10 kGray)
- Excellent shock resistance

Capacity (ml)	W×D×H (mm)	Colour	Neck I-Ø (mm)	Cap	Cap colour	Form	Pk	Cat. No.
Aseptic								
150	50×50×95	Translucent	37	Screw cap with wad	Red	Square	300	**215-3008**
250	57×57×109	Translucent	37	Screw cap with wad	Red	Square	210	**215-3014**
250	57×57×109	Translucent	37	Screw cap with wad	Blue	Square	210	**215-3016**
500	76×76×122	Translucent	58	Screw cap with wad	Red	Square	175	**215-3020**
500	76×76×122	Translucent	58	Screw cap with wad	Blue	Square	175	**215-3022**
500	76×76×122	Translucent	58	Screw cap with wad	White	Square	175	**215-3023**
1000	95×78×185	Translucent	58	Screw cap with wad	Red	Rectangular	90	**215-3004**
1000	95×78×185	Translucent	58	Screw cap with wad	Blue	Rectangular	90	**215-3006**
1000	95×78×185	Translucent	58	Screw cap with wad	White	Rectangular	90	**215-3007**
2000	109×96×230	Translucent	58	Screw cap with wad	Red	Rectangular	50	**215-3010**
2000	109×98×230	Translucent	58	Screw cap with wad	White	Rectangular	50	**215-3013**
2500	108,7x108,7x259	White	77,0	Screw cap with wad	White	Square	35	**215-3725**
2700	128×117×250	Brown	70	Screw cap with wad	Yellow	Rectangular	30	**215-3003**
Sterile SAL 10-3								
250	57×57×109	Translucent	37	Screw cap with wad	Red	Square	210	**215-3015**
500	76×76×122	Translucent	58	Screw cap with wad	Red	Square	175	**215-3021**
1000	95×78×185	Translucent	58	Screw cap with wad	Red	Rectangular	90	**215-3005**
1000	95×78×185	Translucent	58	Screw cap with wad	Blue	Rectangular	90	**215-3025**
1000	95×78×185	Translucent	58	Screw cap with wad	White	Rectangular	90	**215-3026**
2000	109×98×230	Translucent	58	Screw cap with wad	Red	Rectangular	50	**215-3012**
2500	77x108,7x259	Natural	88	Screw cap with wad	White	Rectangular	35	**215-3726**



Bottles, wide mouth, with screw cap

PP, translucent

Perfect for sample collection, storage and transport. Ideal for liquids, pastes and granular material. The wide opening permits easy filling. Can be filled with hot substances. With easy to read blue graduations.

- Very good chemical resistance
- Heat resistant up to +121 °C (for 20 minutes), prolonged use +100 °C
- Leakproof

Capacity (ml)	Ø ext. (mm)	Height (mm)	Neck I-Ø (mm)	Neck Ø ext. (mm)	Pk	Cat. No.
50	39	77	24	32	10	**215-5681**
100	47	94	24	32	10	**215-5682**
250	63	119	31	40	10	**215-5683**
500	78	152	39	50	12	**215-5684**
1000	96	206	50	65	12	**215-5685**

Bottles, wide mouth, with screw cap

PTFE, strong walled

Robust construction. The special recessed grips on the cap and grooves in the flask make it easy to handle. Non stick, the wide mouth allows easy filling and cleaning.

- Very good chemical resistance
- Temperature resistant from –200 up to +280 °C
- Exceptionally smooth inner walls to prevent contamination



Capacity (ml)	Ø ext. (mm)	Height (mm)	Neck I-Ø (mm)	Pk	Cat. No.
1	16	27	10	1	**215-1902**
5	22	35	10	1	**215-1152**
10	26	50	12	1	**215-1153**
25	33	61	19	1	**215-1154**
50	43	76	25	1	**215-1155**
100	52	88	35	1	**215-1156**
150	60	90	35	1	**215-1157**
250	67	115	42	1	**215-1158**
500	80	150	52	1	**215-1159**
1000	100	185	57	1	**215-1160**
2000	120	240	60	1	**215-1161**



Bottles, wide mouth, rectangular or square, with screw cap

HDPE

For collecting, storing and shipping samples or storing liquids and dry substances. Space saving design with rectangular or square base. Two and four litre bottles have integrated handle design.

- Good chemical resistance
- Heat resistant up to 120 °C
- Leakproof

Capacity (ml)	Thread	W×D×H (mm)	Type	Pk	Cat. No.
125	28-415	38×59×97	Rectangular	12	**215-1905**
250	38-415	51,5×74,5×112	Rectangular	12	**215-1906**
500	48-415	64×99,5×114	Rectangular	12	**215-1907**
1000	53-415	67×127×180	Rectangular	6	**215-1908**
2000	63	96×150×237	Rectangular	4	**215-1909**
4000	100-415	147×147×290	Square	1	**215-1904**

Sample vials, with snap-caps

Soda-lime glass, amber

- Ideal for the storage of medication as liquids, powders or capsules
- Used for light-sensitive liquids
- White snap-caps are impervious to ultraviolet light
- Not suitable for heat applications

Delivery information: Delivered in practical safe trays. PE snap caps are included.



Type	Capacity (ml)	Ø×H (mm)	Colour	Pk	Cat. No.
With snap-cap	3	19×30	Amber	200	**216-1843**
With snap-cap	5	19×40	Amber	200	**216-1844**
With snap-cap	10	22×45	Amber	200	**216-1845**
With snap-cap	25	30×50	Amber	200	**216-1846**
With snap-cap	30	28×75	Amber	200	**216-1847**
With snap-cap	40	30×80	Amber	200	**216-1848**
With snap-cap	50	30×100	Amber	200	**216-1849**
With snap-cap	100	34×145	Amber	100	**216-1851**



Vials, glass, rolled rim, with plastic snap-cap

Soda-lime glass, clear

Suitable for the collection, transport and storage of samples.

- Only for use in applications without high thermal loads

Capacity (ml)	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
3	19	30	200	**216-1758**
5	19	40	200	**216-1759**
10	22	45	200	**216-1760**
25	30	50	200	**216-1770**
30	28	75	200	**216-1776**
40	30	80	200	**216-1777**
50	30	100	200	**216-1778**
100	34	145	100	**216-1782**

Laboratory bottles, round, with screw cap

Grade 3.3 borosilicate glass with PP screw cap

The economical alternative for a wide range of laboratory applications. Round, with graduations, DIN GL 32 or GL45 thread, pouring ring and blue PP screw cap.

- Very good chemical resistance
- High temperature resistance
- Minimal thermal expansion, giving relatively high resistance to temperature changes

ISO 4796



Capacity (ml)	Thread	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
50	GL 32	46	91	10	**215-3261**
100	GL 45	56	100	10	**215-1592**
250	GL 45	70	138	10	**215-1593**
500	GL 45	86	176	10	**215-1594**
1000	GL 45	101	225	10	**215-1595**

Capacity (ml)	Thread	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
2000	GL 45	136	260	1	**215-1596**
5000	GL 45	181	330	1	**215-0057**
10000	GL 45	227	410	1	**215-0058**
20000	GL 45	288	505	1	**215-0059**



Laboratory bottles, round, amber, with screw cap

Amber borosilicate glass with PP screw cap

The economical alternative. Suitable for a wide range of laboratory applications. Round, with graduations, DIN GL 45 thread, pouring ring and blue PP screw cap. Amber coloured to protect light-sensitive materials.

- Very good chemical resistance
- High temperature resistance
- Minimal thermal expansion, giving relatively high resistance to temperature changes

ISO 4796

Capacity (ml)	Thread	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
50	GL 32	46	91	1	**215-3275**
100	GL 45	56	100	1	**215-2325**
250	GL 45	70	138	1	**215-2326**
500	GL 45	86	176	1	**215-2327**
1000	GL 45	101	225	1	**215-2328**

Capacity (ml)	Thread	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
2000	GL 45	136	260	1	**215-2329**
5000	GL 45	182	300	1	**215-2330**
10000	GL 45	227	410	1	**215-2337**
20000	GL 45	288	505	1	**215-2338**



Laboratory bottles, wide mouth with GL 80 thread

Borosilicate glass, clear or amber with screw caps and pouring rings

The large opening can accommodate even large volume funnels and gives easy access to scoops or spatulas. Amber to protect light-sensitive materials.

- Very good chemical resistance, high temperature resistance
- Extra wide opening allows easy cleaning
- Minimal thermal expansion giving relatively high resistance to temperature changes

Capacity (ml)	Pk	Cat. No.
Clear glass		
500	1	**215-3743**
1000	1	**215-3744**
2000	1	**215-3745**
5000	1	**215-3746**
Amber glass		
500	1	**215-3747**
1000	1	**215-3748**
2000	1	**215-3749**
5000	1	**215-3773**

Bags, zip seal

LDPE

For storage and transport of solid samples, tubes, spare parts and documents, available with and without write-on panel.

- Quick sealing with guide tracks on the pressure seal
- Transparent PE for easy identification of the contents
- Can be resealed repeatedly, flexible and tear-proof



L×W (mm)	Pk	Cat. No.
Single pocket		
60×40	1.000	**129-0293**
80×60	1.000	**129-0294**
100×70	1.000	**129-0309**
120×80	1.000	**129-0295**
150×100	1.000	**129-0296**
170×120	1.000	**129-0297**
220×160	1.000	**129-0298**
250×180	1.000	**129-0299**
300×200	1.000	**129-0306**
350×250	1.000	**129-0307**
400×300	1.000	**129-0308**
Single pocket with writing area		
40×60	1.000	**129-0310**
60×80	1.000	**129-0311**
70×100	1.000	**129-0320**

L×W (mm)	Pk	Cat. No.
Single pocket with writing area		
80×120	1.000	**129-0312**
100×150	1.000	**129-0313**
120×170	1.000	**129-0314**
160×220	1.000	**129-0315**
180×250	1.000	**129-0316**
200×300	1.000	**129-0317**
350×250	1.000	**129-0318**
300×400	1.000	**129-0319**
Single pocket, sterile with write-on panel		
200×300	1.000	**129-0325**
Double pocket		
120×170	1.000	**129-0321**
160×220	1.000	**129-0322**
180×250	1.000	**129-0323**
200×300	1.000	**129-0324**

Bags, twist-seal

LDPE bags, manufactured and packaged in sterile conditions



Universal use, for samples such as foods, liquids, grains, petroleum products, animal material, waste and soil samples. Suitable for environmental sampling (surface samples), carcass sampling, biomedical and pharmaceutical research, quality assurance procedures (QA/QC), food industry applications and clinical and veterinary medicine.

- Provide a secure, contaminant-free, flexible container that ensures dependable analytical results
- RNase-, DNase-, pyrogen- and BPA-free
- Offers an economical and efficient way to collect, contain and carry samples
- Wire tab keeps bag open for filling
- Unique double fold over system provides a temporary leakproof seal

The opaque VWR® bag is used in the food, pharmaceutical and environmental industries. The black resin is a total light barrier that protects photosensitive substances, such as vitamins, chemicals and pharmaceuticals, or food supplements, plant extracts and biological tissues.

Capacity (ml)	Thickness (µm)	L×W (mm)	Pk	Cat. No.
Closure with 2 round wires				
60	63	76×127	500	**129-9021**
130	63	76×178	500	**129-9022**
355	63	114×190	500	**129-9833**
450	63	114×229	500	**129-9834**
650	76	140×229	500	**129-9837**
800	63	114×305	500	**129-9835**
1200	63	114×382	500	**129-9836**
1500	76	140×382	500	**129-9838**
1650	76	178×305	250	**129-9839**
Closure with 2 round wires and write-on panel				
60	63	76×127	500	**129-9023**
450	63	114×229	500	**129-9844**
650	76	140×229	500	**129-9846**
900	63	114×305	500	**129-9845**
1650	76	178×305	250	**129-9847**
Closure with 1 round and 1 flat wire				
130	63	76×178	500	**129-9019**
450	63	114×229	500	**129-9851**
650	76	140×229	500	**129-9854**
800	63	114×305	500	**129-9852**
1200	63	114×382	500	**129-9853**
1500	76	140×382	500	**129-9855**
1650	76	178×305	250	**129-9856**
Closure with 1 round and 1 flat wire and write-on panel				
150	63	76×178	500	**129-9020**
450	63	114×229	500	**129-9860**
650	76	140×229	500	**129-9862**
800	63	114×305	500	**129-9861**
1650	76	178×305	250	**129-9863**

Capacity (ml)	Thickness (µm)	L×W (mm)	Pk	Cat. No.
Jumbo type, strong and 2 flat wires				
3000	101	305×305	250	**129-9024**
4250	101	305×356	250	**129-9025**
5500	101	305×406	250	**129-9026**
6750	101	305×457	250	**129-9027**
8000	101	305×508	250	**129-9028**
10500	101	305×610	250	**129-9881**
13000	101	305×711	250	**129-9882**
15000	101	382×610	250	**129-9883**
Opaque bag: Closure with 2 round wires and write-on panel				
450	63	114×229	500	**129-9870**
Safety Tabs bags: Closure with 2 round wires, with write-on panel				
150	63	76×178	500	**129-9884**
450	63	114×229	500	**129-9885**
650	76	140×229	500	**129-9886**
1650	76	178×305	250	**129-9887**
Safety Tabs bags: Closure with 1 round and 1 flat wire				
1080	76	104×305	500	**129-0417**
1650	76	178×305	250	**129-0418**
2250	101	254×305	250	**129-0010**
4000	101	254×382	250	**129-0011**
Safety Tabs bags: Closure with 1 round and 1 flat wire and write-on panel				
450	63	114×229	500	**129-9888**
650	76	140×229	1.000	**300-0106**
1650	76	178×305	1.000	**300-0107**
2250	101	254×305	250	**129-0012**
4000	101	254×382	250	**129-0013**

Double pouch, sterile, twist-seal bags for cleanroom applications

PE bags, transparent

These sterile sampling bags provide a secure, contaminant-free pliant container that ensures dependable analysis results. Economical and efficient way to collect, contain and carry samples. With these bags, the user can bring sterile sampling bags in the cleanroom without any worries about contamination. The bags are double pouched so the user can remove the outer bag before entering the cleanroom which minimises the number of bags exposed at the time.

- The bags are sterile inside and out by gamma irradiation
- Sterility certificate in every box which eliminates the need to call for documentation
- Lot number traceability for every product
- Maximum bag mouth opening to facilitate insertion of samples
- Easy pull tabs to open the bag without risk of contaminating the interior of the bag
- Bags accommodate solid, semi-solid and liquid
- Free from RNase, DNase, pyrogen and BPA

Regulations: NF ISO 14644-1, ISO 14698, ISO-14644.



Capacity (ml)	Thickness (µm)	LxW (mm)	Pk	Cat. No.
Safety tabs - clear - closure with 2 round wires				
650	76	140×229	1.000	**129-9000**
810	63	114×305	1.000	**129-9889**
1500	76	140×382	1.000	**129-9001**
1650	76	178×305	1.000	**129-9002**
Safety tabs - printed - closure with 2 round wires				
650	76	140×229	1.000	**129-9004**
800	63	114×305	1.000	**129-9003**
1500	76	140×382	1.000	**129-9005**
1650	76	178×305	1.000	**129-9006**
Safety tabs - clear - closure with 1 round wire and 1 flat wire				
650	63	140×229	1.000	**129-9007**
650	101	140×229	1.000	**129-9008**

Capacity (ml)	Thickness (µm)	LxW (mm)	Pk	Cat. No.
Safety tabs - clear - closure with 1 round wire and 1 flat wire				
1080	76	140×305	1.000	**129-9890**
1650	76 µm	178×305	1.000	**129-9009**
1650	101	178×305	1.000	**129-9010**
2250	101	254×305	1.000	**129-9011**
Safety tabs - printed - closure with 1 round wire and 1 flat wire				
650	76	140×229	1.000	**129-9012**
650	101	140×229	1.000	**129-9013**
1080	76	140×305	1.000	**129-9014**
1650	76	178×305	1.000	**129-9015**
1650	101	178×305	1.000	**129-9016**
2250	101	254×305	1.000	**129-9017**
4000	101	254×305	1.000	**129-9018**



Test tubes without rim

Soda-lime glass

The economical, proven alternative in an economy size pack. Wall thickness approximately 0,8 to 1,0 mm.

- Good chemical and physical properties
- Can also be used as disposable test tubes

Length (mm)	Ø ext. (mm)	Pk	Cat. No.
40	8	250	**212-0011**
70	10	250	**212-0012**
75	12	250	**212-0013**
100	10	250	**212-0014**
100	12	250	**212-0015**
100	14	250	**212-0017**
100	16	250	**212-0016**
130	14	250	**212-0018**
160	16	250	**212-0019**
180	18	250	**212-0020**

Test tubes without rim

Polystyrene (PS), transparent or polypropylene (PP), translucent

Universal tubes with round bottom for a wide range of applications.



Capacity (ml)	Length (mm)	Ø ext. (mm)	Material	Type	Pk	Cat. No.
3	55	11,5	PS	Non graduated	6.000	**216-1163**
3	55	11,5	PP	Non graduated	6.000	**216-1164**
3,5	75	12	PP	Sorwall type	4.000	**216-1165**
5	75	13	PP	Non graduated	4.000	**216-1167**
10	100	16	PS	Non graduated	2.000	**216-1044**
10	100	16	PP	Graduated	2.000	**216-1046**



Test tubes with red cap and label

Polystyrene (PS), clear or polypropylene (PP), natural

Universal tubes with round bottom for a wide range of applications.

Capacity (ml)	Length (mm)	Ø ext. (mm)	Material	Packed	Pk	Cat. No.
4	75	13	PP	Bulk	1.500	**216-1166**
10	100	16	PS	Bulk	800	**216-1045**
10	100	16	PP	Bulk	800	**216-1047**

Stoppers PE

Stopper for test tubes Ø 12 - 16 mm, polyethylene, with tongues.

- Choice of colours



Ø top (mm)	Colour	Pk	Cat. No.
16	Natural	1.000	**212-0550**
16	White	1.000	**212-0551**
16	Blue	1.000	**212-0552**
16	Green	1.000	**212-0553**
16	Red	1.000	**212-0554**
12	White	1.000	**212-0572**
12	Blue	1.000	**212-0573**
12	Red	1.000	**212-0574**
12	Green	1.000	**212-0575**
12	Yellow	1.000	**212-0576**
13	Blue	1.000	**212-0577**
13	White	1.000	**212-0578**
13	Natural	1.000	**212-0664**
13	Green	1.000	**212-0665**
13	Yellow	1.000	**212-0666**
13	Red	1.000	**212-0667**



Funnels with short stem

Borosilicate glass, grade 3.3

With smooth internal walls.

- Very good chemical resistance
- High temperature resistance
- Minimal thermal expansion giving relatively high resistance to temperature changes

ISO 4798

Funnel O-Ø (mm)	Stem O-Ø (mm)	For filter Ø (mm)	Stem length (mm)	Pk	Cat. No.
35	6	45 - 55	35	2	**221-0175**
45	6	55 - 70	45	2	**221-0176**
55	8	70 - 90	55	2	**221-0177**
70	8	110 - 125	70	2	**221-0178**
80	10	125 - 150	80	2	**221-0179**
100	10	150 - 185	100	2	**221-0180**
120	16	185 - 240	120	2	**221-0181**
150	16	240 - 270	150	2	**221-0182**

Measuring beakers with handle

Porcelain, glazed white

Cylindrical, with spout. With very easy to read, internal graduations.

- Exceptional chemical resistance
- Very good thermal resistance
- Robust, heavy construction

Capacity (ml)	Pk	Cat. No.
50	1	**213-0408**
100	1	**213-0409**
250	1	**213-0410**
500	1	**213-0411**
1000	1	**213-0412**





Conical sample containers, with snap-on lids

PP, translucent

Conical containers for sample collection, storage and transport.

- Available in sterile or non sterile versions
- Raised graduations
- Leakproof snap-on lid

Capacity (ml)	Height (mm)	Type	Ø top/Ø bottom (mm)	Packed	Pk	Cat. No.
200	88	Separate snap-on lid	62/54	Carton of 660	660	**216-2648**
200	88	Assembled snap-on lid, sterile	62/54	Carton of 220	220	**216-2649**
400	100	Separate snap-on lid	85/72	Carton of 460	460	**216-2651**
400	100	Assembled snap-on lid, sterile	85/72	Carton of 185	185	**216-2652**
1000	130	Separate snap-on lid	105/96	Carton of 250	250	**216-2639**
1000	130	Assembled snap-on lid, sterile	105/96	Carton of 80	80	**216-2640**

Sample containers, with attached lids

PP, translucent

Ideal for collecting, storing and transporting samples.

- Can be used with one hand; the cap remains vertical when open
- Very good chemical and temperature resistance
- Aseptic

Capacity (ml)	Ø ext. (mm)	Height (mm)	Pk	Cat. No.
45	29	85	650	**216-2606**
50	31	78	650	**216-2625**
90	43	80	350	**216-2627**
300	75	88	240	**216-2628**





Straight sample containers, with screw cap

PP, clear, with LDPE screw cap

Straight walled containers for sample collection, storage and transport. Twist closure with leakproof inner lip for quick opening and closing. Screw caps assembled.

- Excellent chemical and thermal resistance
- Available packed under sterile or aseptic conditions
- Four volumes are available: 40 ml, 60 ml,125 ml and 180 ml

Capacity (ml)	Ø ext. (mm)	Height (mm)	Cap colour	Version	Pk	Cat. No.
40 ml Capacity						
40	30	70	Red	Aseptic	1.000	**216-1806**
40	30	70	White	Aseptic	1.000	**216-1807**
40	30	70	Red	Sterile	1.000	**216-1805**
60 ml Capacity						
60	33	70	Red	Aseptic	700	**216-1809**
60	33	70	White	Aseptic	700	**216-1822**
60	33	70	Red	Sterile	700	**216-1808**
125 ml Capacity						
125	52	74	Red	Aseptic	380	**216-1825**
125	52	74	White	Aseptic	380	**216-1826**
125	52	74	Green	Aseptic	380	**216-1827**
125	52	74	Blue	Aseptic	380	**216-1824**
125	52	74	Red	Sterile	380	**216-1823**
180 ml Capacity						
180	52	102	Red	Aseptic	264	**216-1836**
180	52	102	White	Aseptic	264	**216-1837**
180	52	102	Blue	Aseptic	264	**216-1835**
180	52	102	Red	Sterile	264	**216-1829**
180	52	102	White	Sterile	264	**216-1830**
180	52	102	Green	Sterile	264	**216-1834**
180	52	102	Blue	Sterile	264	**216-1828**

Specimen container, conical, with screw caps

IVD



PP

General specimen containers. 120 ml capacity.

- Complete range available with different cap colours
- Sterile as well as non sterile, individually packed or bulk
- With frosted labelling area

Type	Cap colour	Packed	Version	Pk	Cat. No.
Sterile	Red	Bulk	Assembled cap	300	**216-0861**
Sterile	Red	Individually	Assembled cap	250	**216-0856**
Sterile	Blue	Bulk	Assembled cap	300	**216-0857**
Sterile	White	Bulk	Assembled cap	300	**216-0860**
Sterile	White	Individually	Assembled cap	250	**216-0869**
Sterile	Green	Bulk	Assembled cap	300	**216-0862**
Non sterile	Red	50/bag	Separate cap	500	**216-0855**
Non sterile	Red	Bulk	Separate cap	500	**216-0859**
Non sterile	Red	Bulk	Assembled cap	300	**216-0864**
Non sterile	Red	Individually	Assembled cap	250	**216-0868**
Non sterile	Blue	Bulk	Assembled cap	300	**216-0858**
Non sterile	White	Bulk	Assembled cap	300	**216-0863**
Non sterile	Green	Bulk	Assembled cap	300	**216-0865**
Non sterile	Green	Bulk	Separate cap	500	**216-3949**
Non sterile	—	Bulk	Without cap	1.000	**216-1185**

Specimen container with assembled screw cap



216-1852

PP, translucent

Conical containers for sample collection, storage and transport.

- Good chemical resistance
- Good temperature resistance
- With frosted label

Capacity (ml)	Cap colour	Packed	Version	Pk	Cat. No.
60	White	Bulk	Non sterile	600	**216-1852**
60	Red	Bulk	Non sterile	600	**216-1854**
60	Red	individually wrapped	Sterile	500	**216-1853**

Urine containers



PP, translucent with yellow screw cap

Aspiration system for vacuum tubes.

- With frosted labelling area

Capacity (ml)	Packed	Type	Pk	Cat. No.
120	Bulk	Non sterile	300	**216-1080**
120	Individually wrapped	Sterile	250	**216-1161**



Faeces/specimen containers, conical, with screw cap

PP, translucent

Ideal as faeces or general specimen containers.

- With frosted label, graduated
- Available with or without spoon
- Sterile or under aseptic conditions packed available

Capacity (ml)	Type	Height (mm)	Ø ext. (mm)	Material	Pk	Cat. No.
120	With red screw cap and spatula, sterile	71,8	56,0	PP	300	**216-0892**
120	With yellow screw cap, without spatula, aseptic	71,8	56,0	PP	300	**216-0893**

Faeces containers, with screw cap and spatula



PP, translucent

Ideal as faeces or general specimen containers.

- With frosted label
- With red or white screw cap
- Non sterile

Capacity (ml)	Type	Pk	Cat. No.
30	With white screw cap	700	**216-1371**
30	With red screw cap	700	**216-1372**
60	With red screw cap	600	**216-2575**

Container with cap for biopsy probes, Q Path®



Q Path® container (PP) with suitable caps (PE) for safe transport of biopsy probes.

- Different colours
- High impermeability

Capacity (ml)	Cap colour	Pk	Cat. No.
20	White	800	**216-1307**
20	Blue	800	**216-1315**
20	Yellow	800	**216-1317**
60	White	300	**216-1306**
60	Blue	300	**216-1309**
60	Green	300	**216-1310**
150	Blue	250	**216-1319**
150	White	250	**216-1308**

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Transport swabs

A range of collection and transport devices for bacterial specimens. Available with different applicators and transport media. Shipment in aluminium packaging under nitrogen ensures longer shelf life.

- A wide range of bacteria can survive for 24 to 48 hours on the applicator and in the tube
- Proven in many studies with aerobic and anaerobic organisms
- Each swab system is individually wrapped in a pouch with a tamper-proof seal, which turns white when opened

Medium risk for transient or short-term use:

Class IIa - surgical-invasive, short-term application, for taking samples from natural orifices and surgical wounds.

Description	Pk	Cat. No.
Swab, shaft/head, transport medium, plastic/viscose, Amies gel	50	**710-0432**
Swab, shaft/head, transport medium, plastic/viscose, Amies gel with charcoal	50	**710-0434**
Swab, shaft/head, liquid transport medium, plastic/viscose, Amies liquid. Contains a fluid filled sponge. The sponge holds 1 ml of transport medium and ensures that the swab tip remains in contact with the liquid medium during transport.	50	**710-0438**
Swab, shaft/head, transport medium, plastic/viscose, Stuart liquid. Contains a fluid filled sponge. The sponge holds 1 ml of transport medium and ensures that the swab tip remains in contact with the liquid medium during transport.	50	**710-0441**
Swab, shaft/head, transport medium, aluminium/viscose, Amies gel	50	**710-0433**
Swab, shaft/head, transport medium, aluminium/viscose, Amies gel with charcoal	50	**710-0435**
Swab, shaft/head, transport medium, twisted aluminium/viscose, Amies gel	50	**710-0436**
Swab, shaft/head, transport medium, twisted aluminium/viscose, Amies gel with charcoal	50	**710-0437**
Swab, shaft/head, transport medium, aluminium/viscose, Amies liquid. Regular firm aluminum wire - orange cap ideal for male urethral sampling.	50	**710-0439**
Swab, shaft/head, transport medium, twisted aluminium/viscose, Amies liquid. Flexible twisted wire - blue cap specifically for nasopharyngeal sampling. Shaped wire tip covered with soft rayon.	50	**710-0440**

Surface sampling sponge kits

The surface sampling sponge kit is designed to collect and transport samples to detect the presence of microbiological contaminations such as Listeria, Salmonella, E. coli, and other foodborne pathogens on almost any surface. These kits are widely used in the food, medical, public health and cosmetic industries. Surface sampling kits come in two forms: Dry sponge sterile sampling bag with write-on strip containing a dry, biocide-free cellulose sponge (38×76×16 mm when hydrated) or wet sponge sterile sampling bag accompanied by a foil-sealed, pre-moistened cellulose sponge, holding 10 ml of sterile neutralising buffer.

- The sterile leakproof transport bags guarantee the rapid cooling of the samples put in refrigerator for transport
- All bags come with puncture-proof safety tabs, eliminating the sharp points that can cause bag puncture and/or abrasions
- Kits are sterilised using gamma irradiation
- The sponge allows you to sample a wide surface area in comparison with normal sampling swabs



In accordance with HACCP, USDA, ACIA and CFIA requirements.

Dimensions: 114×229 mm
Capacity of the sterile transport bag: 540 ml

Note: Gloves should be worn during all sampling procedures.

Description	Packed	Pk	Cat. No.
Surface sampling sponge, pre-moistened with neutralising buffer	5×20	100	**300-0230**
Surface sampling sponge, pre-moistened with Dey/Engley neutralising buffer	5×20	100	**300-0231**
Surface sampling sponge, sterile transport bag and sterile surface sampling sponge with handle, pre-moistened with neutralising buffer	10×10	100	**300-0232**
Surface sampling sponge, sterile transport bag and sterile surface sampling sponge with handle, pre-moistened with Dey/Engley neutralising buffer	10×10	100	**300-0240**
Surface sampling sponge, dry sponge in a bag for 450 ml volume, with gloves	4×100	400	**710-0860**
Surface sampling sponge, dry sponge in a bag for 540 ml volume	4×100	400	**710-1020**

Contact plates for surface and air control, irradiated

Contact plates are ideal for monitoring the microbiological contamination of surface and air (using an air sampler) inside cleanrooms, isolators, RABS (Restricted Access Barrier), food industries and hospitals. The triple wrapping ensures that the package itself does not contaminate the environment as the first wrapper is removed just before entering the clean area. The packaging of plates containing PCA is not irradiated.



- The plates are packed with a special triple wrapped packaging with irradiation indicator
- Possibility of using the PET transparent reusable container to transport the plates to the laboratory after the sampling
- Special packaging for good protection of the product during transport and storage
- Available with TLHTh (Tween, lecithin, histidine, thiosulphate) disinfectant neutralisers
- Available with certificate of irradiation/dosimetry
- VHP resistance studies available for all triple wrapped plates

Packaging: The box supplied contains 8×10 triple wrapped packs with a total of 80 plates. 8 PET transparent reusable containers are included.

Description	Standard	Filling	Pk	Cat. No.
PCA contact TLHTh triple wrapped	-	13 ml	80	**140774TI**
PCA contact triple wrapped	EPA, ISO 4833	13 ml	80	**140774ZI**
Rose bengal chloramphenicol agar contact triple wrapped	-	13 ml	80	**140070ZI**
Sabouraud 4% dextrose agar contact TLHTh triple wrapped	Ph. Eur., USP, JP	13 ml	80	**140884TI**
Sabouraud 4% dextrose agar contact triple wrapped	Ph. Eur., USP, JP	13 ml	80	**140884ZI**
Sabouraud Chloramphenicol triple wrapped	-	12 ml	80	**140884CY**
TSA contact penase TLHTh triple wrapped	-	13 ml	80	**141114RY**
TSA contact penase triple wrapped	-	13 ml	80	**141114PY**
TSA contact TLHTh triple wrapped	-	13 ml	80	**141114TI**
TSA contact triple wrapped	Ph. Eur., USP, JP	13 ml	80	**141114ZI**
VRBG agar contact triple wrapped	Ph. Eur., USP, JP	13 ml	80	**151203ZA**

Contact plate applicator, Contact Weight

Used in combination with contact plates, the weight enables the standardisation of microbiological surface control between operators. It applies the same constant pressure for a pre-set time on the contact plate. This ensures results are directly comparable. The Contact Weight meets the ISO 18593 Standard and has a sterilisable stainless steel base and pull out digital timer.

- Dry heat or steam sterilisable stainless steel base with pull out digital timer
- Used with different types of contact plates
- According to ISO 18593
- Weighs only 500 g

Description	Pk	Cat. No.
Contact plate applicator, Contact Weight	1	**710-0961**





Dip slides, push cap

Dip slides for microbiological monitoring of surfaces and in liquids. Each slide has media on both sides: Choice of the same medium or two different media on the two sides of the slides; this allows sampling of two surfaces with every single slide. Testing with dip slides is a safe, reliable, economical and fast indicator of the presence of microorganisms. Dip slides with a push cap have a larger contact area.

- Supplied sterile
- Sampling takes only a few seconds
- The results are easily read after just 24 - 48 hours

Type	Push cap
Contact area (cm^2)	10
Dimensions	30 mm tube, 110 mm high
Tray W×L (mm)	50×22
Paddle size (mm)	80×28

Description	Pk	Cat. No.
Baird Parker, on both sides	10	**535302D**
Baird Parker, on both sides	100	**535303D**
Baird Parker and Total count agar	10	**535304D**
Baird Parker and Total count agar	100	**535305D**
Baird Parker and VRBG	10	**535308D**
Malt extract agar, on both sides	10	**535328D**
Malt extract agar, on both sides	100	**535329D**
Nutrient agar and Pseudomonas agar	10	**535182R**
Nutrient agar and Pseudomonas agar	100	**535184T**
Nutrient agar with TTC, on both sides	10	**535092Q**
Nutrient agar with TTC, on both sides	100	**535094S**
Nutrient agar with TTC and malt extract agar	10	**535102B**
Nutrient agar with TTC and malt extract agar	100	**535104D**
Nutrient agar with TTC and neutralisers	10	**535309D**
Nutrient agar with TTC and neutralisers	100	**535310D**
Nutrient agar with TTC and rose bengal agar	10	**535112D**
Nutrient agar with TTC and rose bengal agar	100	**535114F**
PCA on both sides	100	**535124H**
Plate count agar and MacConkey agar	10	**535142J**
Plate count agar and MacConkey agar	100	**535144L**
Plate count agar and OGYE agar with neutralisers	10	**535132H**
Plate count agar and OGYE agar with neutralisers	100	**535134J**
Plate count agar and VRBGA	10	**535162N**
Plate count agar and VRBGA	100	**535164P**
Plate count agar and VRBGA with neutralisers	10	**535172P**

Description	Pk	Cat. No.
Plate count agar and VRBG with neutralisers	100	**535174R**
Plate count agar MacConkey agar with neutralisers	10	**535152L**
Plate count agar MacConkey agar with neutralisers	100	**535154N**
Plate count agar on both sides	10	**535122F**
Plate count agar with neutralisers, on both sides	10	**535324D**
Plate count agar with neutralisers, on both sides	100	**535325D**
Plate count agar with TTC, on both sides	10	**535311D**
Plate count agar with TTC, on both sides	100	**535312D**
Plate count agar with TTC and MacConkey agar 3	100	**535319D**
Plate count agar with TTC and MacConkey agar 3	10	**535318D**
Plate count agar with TTC and MacConkey agar 3 with neutralisers	10	**535316D**
Plate count agar with TTC and MacConkey agar 3 with neutralisers	100	**535317D**
Plate count agar with TTC and neutralisers, on both sides	10	**535313D**
Plate count agar with TTC and neutralisers, on both sides	100	**535314D**
Pseudomonas CFC and MacConkey agar 3	10	**535322D**
Pseudomonas CFC and MacConkey agar 3	100	**535323D**
Rose bengal agar	10	**535202E**
Rose bengal agar	100	**535204G**
TSA with malt extract agar, on both sides	10	**535320D**
TSA with neutralisers, on both sides	10	**535326D**
TSA with neutralisers, on both sides	100	**535327D**
TSA with TTC and malt extract agar	100	**535321D**

Temperature indicating strips

These temperature indicating strips are designed for rapid measurements where conventional thermometers are impractical. They are suitable for use with equipment like heating chambers and products which are sensitive at high temperatures.

- Fast response within one second
- Self-adhesive and irreversible - eight points
- Storage at maximum 25 °C for up to two years

Range (°C)	Accuracy (°C)	Pk	Cat. No.
37…65	±1,0	10	**620-9102**
71…110	±1,0	10	**620-9103**
116…154	±1,0	10	**620-9104**
160…199	±1,0	10	**620-9105**
204…260	±1,0	10	**620-9106**



Dual thermometer with timer



Stainless steel removable probe



Glass bead bottle probe (23 ml)

Stainless steel probe (150 mm) or glass bead bottle (23 ml), with 1,5 metre cable

These thermometers are suitable for measurements for heating, ventilation, air conditioning, education, food and beverage processing, storage and pharmaceutical use.

- 'HOLD' function
- Maximum/minimum memory
- Dual display: Time (99 hours 59 minutes) and temperature

W×D×H: 63,5×20×95,3 mm

Weight: 136 g

Traceable to NIST. Compliant to RoHS.

Delivery information: Supplied with certificate of calibration, probe, foldaway stand, magnetic backing and AAA battery.

Range (°C)	Accuracy (°C)	Resolution (°C)	Probe	Pk	Cat. No.
–50…+300	±1,0 (–20…+120); ±2,0 (–50…–20; 120…200); ±3,0 (200…300)	0,1	Removable stainless steel	1	**620-0918**
–50…+300	±1,0 (–20…+120); ±2,0 (–50…–20; 120…200); ±3,0 (200…300)	0,1	Glass bead bottle (23 ml)	1	**620-1724**

Description	Pk	Cat. No.
Replacement probes		
Bottle probe for 620-1724	1	**620-1754**

Digital thermo-hygrometer, Traceable® jumbo



628-0031

Internal sensor and external probe with cable (3 m)

This thermo-hygrometer continuously and simultaneously displays ambient relative humidity and temperatures. Rapid response in less than 30 seconds for monitoring conditions overnight, at the weekend, or any other time period.

- Easy to read jumbo display (25 mm)
- Probe and cable perform accurately under water
- Minimum/maximum memories displayed or cleared at any time with the touch of a button

Compliant with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001.

Delivery information: Supplied with flip-open stand, wall mount, AAA batteries and Traceable® certificate of calibration.

Range	Accuracy	Resolution	W×D×H (mm)	Weight (g)	Pk	Cat. No.
0…+50 °C (in); –50…+70 °C (ex); 25 - 95% RH	±1,0 °C; ±2,0 (mid range); ±4,0% RH	1,0 °C; 1,0% RH	108×19×107	152,5	1	**628-0031**

Big digit memory thermometer, Traceable®

External probe* (LxØ: 20x5 mm) with three metre cable and internal sensor**

This digital thermometer with dual display allows for reading of ambient and probe temperatures simultaneously. Both cable and sensor perform accurately when under water.

- Easy reading from up to eight meters
- Maximum/minimum memory function
- Reset at the touch of a button

Delivery information: Supplied with Traceable® certificate of calibration and AAA battery for one year ‚always-on' monitoring, flip-open stand, slot for wall mounting and Velcro® to attach to any surface.



620-2042

Range	Accuracy (°C)	Resolution (°C)	Probe	Pk	Cat. No.
–50…+70° C*; –5…+50 °C**	±1,0	0,1	External probe	1	**620-2042**



620-1584

Large digit triple display thermometers, Traceable®

Bottle probe in non toxic glycol solution or waterproof Bullet™ probe (20 mm)

These jumbo size display thermometers are suitable for monitoring freezers, water baths, heating blocks, incubators and refrigerators. A bottle insulates the sensor from transient temperature changes when the refrigerator door is opened. Solution is GRAS (Generally Recognised As Safe) by the FDA (Food and Drug Administration).

- Triple display: Maximum/minimum and current temperatures
- Out of range alarm programmable in 1,0 °C increments

Traceability to NIST. Fulfils CDC and vaccine thermometer requirements. Compliant with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001.

Delivery information: Supplied with Traceable® certificate of calibration, slot for wall-mounting, Velcro® and magnetic strips to attach to any surface, AAA battery and three metre cable.

Range (°C)	Accuracy (°C)	Resolution (°C)	W×D×H (mm)	Weight (g)	Probe	Pk	Cat. No.
–50…+70	±1,0	0,1	99×111×22	113	Bottle	1	**620-1584**
–50…+70	±1,0	0,1	99×111×22	113	Waterproof Bullet™	1	**620-1585**



Triple display thermometers, Traceable®

Waterproof probe (L×Ø: 19×8 mm) or bottle-buffered sensor, with three metre cable

These digital thermometers are suitable for the monitoring of temperatures in freezers, water baths, heating blocks, incubators and refrigerators. The bottle-enclosed temperature-buffered sensor is insulated from transient temperature changes. Micro cable permits refrigerator doors to close on it.

- Maximum/minimum monitors high and low readings overnight, on weekends, or for any time period
- Programmable alarm sounds continuously when temperature rises above/falls below set points and can be turned off manually
- Visual and audible signals continue even if temperature returns to non alarm range

W×D×H: 70×20×120 mm

Weight: 113 g

Compliance with ISO/IEC 17025, ANSI/NCSL Z541-1 and 9001. Traceability to NIST. Patented unit fulfils all CDC thermometer and vaccine thermometer requirements.

Delivery information: Supplied with Traceable® certificate of calibration, flip stand, wall bracket, Velcro® mounting strips and batteries.



620-1661

Range (°C)	Accuracy (°C)	Resolution (°C)	Probe	Pk	Cat. No.
–50…+70	±1,0	1,0	Waterproof	1	**620-2023**
–50…+70	±1,0	1,0	Bottle-buffered sensor	1	**620-1661**

Description	Pk	Cat. No.
Accessories		
Glass bottle	1	**620-2488**

Triple display thermometers, Traceable® Ultra™

Probes: Non toxic glycol bottle (5 ml)/Micro cylindrical bottles/Bullet™ sensors

These digital thermometers can record the date and the time of up to ten events, which fall outside the pre-programmed limits. They are designed to monitor the temperature of blood, fridges and freezers, during transport.



Bottle /Bullet™ sensor

- Smart-Alarm™: Visual and audible alarm even if the unit returns to non alarm conditions
- Triple display simultaneously shows maximum/minimum and current temperatures
- Maximum/minimum indicator

W×D×H: 65×18,5×110 mm

Weight: 113 g

Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001, accredited by A2LA indicates traceability to standards provided by NIST.

Delivery information: Supplied with Traceable® certificate of calibration, flip-open stand, wall mounting, Velcro®, magnetic strips and low battery indicator.

Range (°C)	Accuracy (°C)	Probe	Pk	Cat. No.
–50…+70	±0,5 (–30…+50); ±1,0	Bottle	1	**620-2334**
–50…+70	±0,5 (–30…+50); ±1,0	2 Bottles	1	**620-2335**
–50…+70	±0,5 (–30…+50); ±1,0	Micro-bottle	1	**620-2339**
–50…+70	±0,5 (–30…+50); ±1,0	2 Micro-bottles	1	**620-2340**
–50…+70	±0,5 (–30…+50); ±1,0	Bullet™ sensor	1	**620-2336**
–50…+70	±0,5 (–30…+50); ±1,0	2 Bullet™ sensors	1	**620-2337**
–50…+70	±0,5 (–30…+50); ±1,0	Bottle/Bullet™ sensor	1	**620-2338**

Datalogging thermometers, Traceable® Excursion-Trac™



620-2210



620-2205

These highly accurate logging thermometers are designed to monitor temperatures in refrigerators, freezers, water baths, heating blocks and incubators.

- High/low alarms and time stamps
- User-defined time intervals from one minute to 24 hours
- Stores up to ten unique alarm events
- Meets current CDC requirements for vaccine storage and monitoring
- Rolling memory structure, maintains most recent 525 600 temperature observations
- Memory can be cleared on unit after downloading data to USB stick
- Hassle-free retrieval of data: Unit remains in use while downloading and analysing data
- Status indicators: Low battery, full memory, USB data transfer and active alarm state



620-2207

W×D×H: 70×20×107 mm

Weight: 140 g

Traceable to NIST. Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001.

Delivery information: Supplied with individually-numbered Traceable® certificate of calibration.

Range (°C)	Accuracy (°C)	Resolution (°C)	Probe	Pk	Cat. No.
–50…+70	±0,25	0,01	One bottle	1	**620-2204**
–50…+70	±0,25	0,01	Two bottles	1	**620-2205**
–50…+70	±0,25	0,01	One sensor	1	**620-2206**
–50…+70	±0,25	0,01	Two sensors	1	**620-2207**
–50…+70	±0,25	0,01	Bottle/Bullet™ probe	1	**620-2208**
–50…+70	±0,25	0,01	Stainless steel	1	**620-2209**
–50…+70	±0,25	0,01	Two stainless steel	1	**620-2210**

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620-1963



620-1964

Memory card thermometers, Traceable®

Memory card reader (supplied) plugs into any USB port for an instant report. Text report includes date/time of day and sensor readings.

- Captures 5,9 million readings
- Sealed bottle sensor insulated from temperature changes when refrigerator is opened
- Solution in sealed bottle generally recognised as safe by FDA
- Minimum/maximum feature displays highest/lowest readings for any time period
- Alarm (visual and audible) set by the user for high and low values to the nearest 0,1 °C
- Unique four-line display: Temperature of detachable bottle probe, ambient temperature, humidity and time

W×D×H: 110×91×30 mm (cable: 2 m)

Weight: 200 g

Traceability provided from ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001 and standards provided by NIST.

Delivery information: Supplied with probe, cable, 256 MB SD memory card, USB memory card reader, magnetic mounting strips, Velcro®/wall mount/bench stand, three AA batteries, adapter and Traceable® certificate of calibration.

Range (°C)	Accuracy (°C)	Resolution (°C)	Probe	Pk	Cat. No.
–30…+70	±0,5 (0…25); ±0,6 (25…70); ±1,2 (–30…0; 50…70)	0,1	Bottle sensor (25×63 mm)	1	**620-1963**
–30…+70	±0,5 (0…25); ±0,6 (25…70); ±1,2 (–30…0; 50…70)	0,1	Stainless steel (Ø×L: 4×25 mm)	1	**620-1964**

Digital thermo-hygrometer

Internal sensor and external probe with cable (3 m)

This digital thermo-hygrometer is designed for temperature and humidity measurements in fridges and freezers. It is suitable for use in food and beverage processing, storage and chemistries.

- Switch the temperature readings from the internal sensor to the external probe
- Maximum/minimum values memory switchable daily reset function
- Large display showing all values simultaneously
- The SET, 12/24, ALERT function buttons are on the back of the unit, so the unit only has three buttons on the front
- The display for the internal sensor is noted as 'INT' and the external sensor is noted as 'EXT'

W×H: 63,5×95,3 mm

Weight: 136 g

Delivery information: Supplied with waterproof sensor, magnetic backing, AAA battery and certificate of calibration. The screen is shipped with a protective film.

NOTE: Zone 2 with freeze alert for congelation.



620-0915

Range	Accuracy	Resolution (°C)	Pk	Cat. No.
–10…50 °C; –50…+70 °C*; 20 - 99% RH	±1,0 °C; ±5,0% RH	0,1	1	**620-0915**



620-2277

Digital thermo-hygrometer with dew point, Traceable®

Convenient triple reading meter with ‚always on' feature for continuous monitoring conditions. Audible and LED alarm may be set to trigger at three different humidity readings (55%, 60% or 65%). Solid sensors deliver response times of less than 30 seconds.

- Large, clear, display supplies updates once a second
- Simultaneously displays all three current readings
- Minimum/maximum readout in memory for relative humidity (RH), dew point and temperature

W×D×H: 66,7×16×98,4 mm

Weight: 170 g

Traceable to NIST. Calibration conform with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001.

Delivery information: Supplied with wall mount, batteries and Traceable® certificate of calibration.

Range	Accuracy (%)	Resolution	Pk	Cat. No.
–10…+60 °C; 1 - 99% RH	±3,0% mid range; ±5,0	0,1 °C; 0,1% RH	1	**620-2277**

Temperature and humidity logger with memory card, Traceable®

This stand-alone data logger records readings on a removable SD card. The card reader (supplied) plugs into any USB computer port for instant report.

- Card reader with USB connector - no software to install
- Display of date, time of day and all sensor readings
- Minimum/maximum features
- Audible and LED alarm sets in 0,1 °C increments
- Four-line readout LCD (H:17 mm)

Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001, accredited by A2LA indicates traceability to standards provided by NIST.

Delivery information: Supplied with 256 MB SD card, USB card reader, magnetic mounting strips, Velcro®, wall mount, bench stand, three AA batteries, adapter and Traceable® certificate of calibration.



620-1965

Range	Accuracy	Resolution	W×D×H (mm)	Weight (g)	Pk	Cat. No.
0…50 °C; 0 - 90% RH; –20…+50 °C Td	±1,0 °C; ±5,0 (20 - 85); ±7,0% RH	0,1 °C; 0,1% RH	110×91×30	200	1	**620-1965**





620-1667

Temperature chart recorders, Traceable®

These disposable recorders can monitor temperature measurements in refrigerators, supply rooms, food storage, chemical warehouses, animal quarters, incubators, walk-in chambers and manufacturing plants.

- Charted copy of temperature
- Tamper-evident seal to maintain the integrity of unit and results

W×D×H: 146×98×63 mm

Weight: 283 g

Traceability to standards provided by NIST. Calibration compliant with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001.

Delivery information: Supplied with chart, marker, AA alkaline battery and Traceable® certificate of calibration.

Description	Range (°C)	Accuracy (°C)	Pk	Cat. No.
Temperature chart recorder, 10 days	–28…+38	±1,0	1	**620-1667**
Temperature chart recorder, 40 days	–28…+38	±1,0	1	**620-1668**

Temperature logger, Traceable® Logger-Trac™

This temperature logger can display, record and report data during storage, handling and transportation of products.

- Reusable device with active LCD for cumulative duration of temperature excursion from user-selected minimum/maximum values to be viewed immediately and downloaded if needed
- LCD shows the running alarm tally based on the acceptable temperature range and recording interval: Alarm incremented when reading goes outside acceptable parameters during recording interval
- Once an alarm condition has occurred, Alarm Tally, 'ALARM' notification appears, cumulative alarm time: If too many alarm events occur within pre-set parameters, 'QUARANTINE' will appear on the display



Calibration complies with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001, accredited by A2LA indicates traceability to standards provided by NIST.

Delivery information: Start kit incl. logger, cradle/cable, MaxiThermal software package, battery and Traceable® certificate of calibration.

Description	Range (°C)	Accuracy (°C)	Resolution (°C)	Memory	Pk	Cat. No.
Starter kit	–35…+50	±0,2 (0…10); 1,0	0,1	7680 values	1	**620-2322**
Logger (only) with Traceable® certificate of calibration	–35…+50	±0,2 (0…10); 1,0	0,1	7680 values	1	**620-2324**

Description	Pk	Cat. No.
Accessories		
Paper sleeves	100	**620-2323**

Temperature and humidity logger, Traceable®, Logger-Trac™

These loggers travel with shipments to track the relative humidity and temperature. For complete flexibility, the user-defined recording interval may be set based on the number of desired days to log (from 4 hours to 365 days) or the desired time interval (from every 2 seconds to every 24 hours). To insure that no data is lost, once memory is full the thermometer/hygrometer will stop logging data (data will not be overwritten).



- User-selectable humidity/temperature parameters (high and low values) in 1,0% or 1,0 °C increments
- Displays cumulative alarm duration
- Current RH and temperature, minimum/maximum temperature achieved, cumulative running time

W×D×H: 88,9×50,8×27,9 mm

Weight: 69,5 g

ISO/IEC 17025 calibration laboratory accredited by A2LA indicating traceability to NIST.

Delivery information: Starter kit incl. Traceable® Logger-Trac™ logger, data capture cable, MaxiThermal software package, battery and Traceable® certificate of calibration.

Description	Range	Accuracy	Resolution	Memory	Pk	Cat. No.
Starter kit	–30…+72 °C; 0 - 100% RH	±0,2 (0…10); ±0,5 °C; ±3,0 (25 - 75)% HR	0,1 °C; 0,1% RH	30 720 values	1	**620-2325**
Logger	–30…+72 °C; 0 - 100% RH	±0,2 (0…10); ±0,5 °C; ±3,0 (25 - 75) % RH	0,1 °C; 0,1% RH	30 720 values	1	**620-2326**

Temperature logger, Traceable® Logger-Trac™ LN2

External stainless steel probe (L×Ø: 110×3,5 mm) with PTFE cable

These data loggers are designed to measure wide temperature ranges (down to –200 °C) in labs or during transit.

- Recording interval
- Start delay, time zone, stop key enable
- Alarm set points: Ambient and external probe individually
- Cumulative alarm duration from user-selected minimum/maximum temperature values
- Reusable/re-programmable for monitoring cryo material in transit as well as reagents, clinical samples, frozen samples, pharmaceuticals and food items

W×D×H: 88,9×50,8×27,9 mm

Weight: 72,8 g

Certification compliant with ISO/IEC 17025, ANSI/NCSL Z540-1 and 9001.



Delivery information: Starter kit incl. with Traceable® Logger-Trac™ LN2 logger, data capture cable, MaxiThermal software package, battery and Traceable® certificate of calibration.

Description	Range	Accuracy (°C)	Resolution (°C)	Memory	Pk	Cat. No.
Starter kit	–29…+72*; –200…+72 °C**	±0,2 (2…10; 0…30); ±2,0	0,1	64 000 values	1	**620-2327**
Logger (only) with Traceable® certificate of calibration	–29…+72*; –200…+72 °C**	±0,2 (2…10; 0…30); ±2,0	0,1	64 000 values	1	**620-2328**

* Ambiant
** Probe



Insulated shipper

EPS (expanded polystyrene) and Neopor

These moulded containers are designed for logistics applications in the pharmaceutical and biotechnology industries, where temperature-sensitive products have to be transported and stored in a temperature range of 2 to 8 °C and require special protection from heat and cold.

Description	Capacity (l)	W×D×H ext. (mm)	W×D×H int. (mm)	Pk	Cat. No.
Standard shipping containers	10,5	385×285×175	343×243×130	19	**216-1323**

Insulated shipper

EPS (expanded polystyrene) and Neopor

This insulated container is suitable for different packaging situations in pharmacies, trade and the food industry. They ensure excellent protection from heat and cold during the transport and despatch of medicines, food and other temperature-sensitive products.

- Square format
- Wall thickness of 50 mm
- Reliable, lightweight and protective



Capacity (l)	W×D×H ext. (mm)	W×D×H int. (mm)	Pk	Cat. No.
3,5	225×225×195	165×165×150	35	**216-1339**

Boxes with dry ice compartments





EPS (expanded polystyrene)

These freezer boxes with removable dry ice compartments are suitable for the pharmaceutical, biotechnology and medical fields, as well as use in food service and processing industries. They offer an innovative solution for temperature-sensitive transport and storage. EPS boxes consist of 98% air and 2% polystyrene.

- Lightweight, high quality material
- Temperature assurance packaging
- Adapted to the most sensitive products

Description	Capacity (l)	W×D×H ext. (mm)	W×D×H int. (mm)	Pk	Cat. No.
EPS shipping container	12,5	350×350×300	250×250×200	4	**216-1337**

Cooling packs



Gel filled

These packs are designed to safeguard temperature-sensitive products during storage and transport. They can be chilled in a freezer, refrigerator or low temperature incubator. They are effective when used with insulated shipping containers.

- Keep their shape during all stages of use: Phase changes at 0 °C and returns to gel state after thawing
- Suitable for pharmaceuticals, clinical trials, diagnostic kits, chemicals and biologicals
- Long lasting, high performance temperature protection

W×D×H (mm)	Weight (g)	Pk	Cat. No.
89×165×19	227	72	**216-0192**
140×152×25	341	48	**216-0193**
140×165×25	454	36	**216-0194**
203×140×32	682	24	**216-0195**
267×140×32	909	18	**216-0196**

Ice packs



Gel filled plastic case

These robust ice packs are suitable for cooling products in cold boxes, pouches or packages. The gel ensures constant and reliable cooling.

- Non toxic for use with foodstuffs
- Suitable for heavy loads
- Adapted to rough transport conditions

Description	Weight (g)	Pk	Cat. No.
Ice packs	400	40	**216-1168**
Ice packs	750	20	**216-1169**
Ice packs	1000	20	**216-1170**

Cooling packs



Semi-rigid foam

For limited space, they never lose their shape, when freezing, when in use, or when thawing. Available in a range of sizes and suitable for use during storage and transport. Each cooling pack is vacuum sealed for consistent weight and shape.

- Phase changes at 0 °C
- Returns to foam state after thawing
- Keep their shape during all stages of use, reusable

W×D×H (mm)	Weight (g)	Pk	Cat. No.
102×114×19	199	72	**216-0191**
114×102×38	426	36	**216-0188**
102×229×38	880	18	**216-0189**
235×286×25	1590	12	**216-0190**

Bottle carrier



Glass bottles are designed to contain liquids, but when they break, hazardous liquids potentially mix with broken glass. This bottle carrier protects people and properties from glass shards and limits exposure to flammable or corrosive liquids.

- Minimises spills and breakage
- Easy opening and closing mechanism
- Environmentally friendly: Durable and liquid resistant handle construction

Description	Capacity (l)	Pk	Cat. No.
Safety jar with safe handle	2,5	1	**215-3582**

Safety bottle containers, Safepak®



PP

For the safe transport and storage of hazardous chemicals. These vessels contain chemical spillages and being translucent they allow the examination of the condition and contents of the inner container without opening. Safepak® are designed to be used with BDH branded glass and Safebreak bottles.

- Contains bottle spillages
- For safe storage and transportation of chemicals
- Good temperature resistance

For	Pk	Cat. No.
100 ml bottles	6	**332491D**
500 ml bottles	3	**332493F**
1000 ml bottles	3	**332497J**

Tamper-proof container for transport of biological samples



Container for transport of biological samples.

- Disposable, with seal tamper-proof: Once closed the tube seal must be broken to access the contents
- Leakproof to prevent accidental outflow of biological fluids in order to guarantee the safety of transportation personnel
- Transparent and shock-proof for visual inspection of contents and for ensuring their integrity

Complete with test tube holder made of absorbent material holding four16 mm tubes, four12 mm tubes and two 30 mm tubes at the same time, the test-tubes are therefore protected if accidentally dropped and fluids are absorbed in case of tube breakage.

Height (mm)	Ø top (mm)	Description	Pk	Cat. No.
161	132	Seal tamper container	120	**720-1987**



Leakproof transparent transport container

Transparent container for the transport of biological samples (up to 180 pieces).

- Shock resistant and hermetic, leakproof
- PC hooks for a quick and safe closure
- Emergency procedures and safety measures indelibly printed
- Transparent to ensure continuous monitoring of the transported samples
- Autoclavable and chemically sanitisable to avoid cross-contamination

Description	W×D×H ext. (mm)	W×D×H int. (mm)	Pk	Cat. No.
Small container	310×460×119	217×363×94	1	**720-1992**
Medium container	310×460×175	217×363×157	1	**720-1991**
Large container	310×460×255	217×363×235	1	**720-1990**

Description	Pk	Cat. No.
Accessories for "Leak Proof"		
Handles	2	**720-1993**
Leakproof fastener	6	**720-2688**

Carriers for biological specimens



Sturdy container for transport of biological samples taken at patient's home.

- Foldaway handle for easy stackability of several units
- Lugs to facilitate stacking and removable lid to facilitate cleaning
- `Biological Risk` logo - personnalesable with own data/logo
- Shock-proof construction of lightweight material
- Equipped with special seal to guarantee air tightness in conformity with safety standards
- Emergency procedures to follow in case of breakage of the container

Description	W×D×H ext. (mm)	W×D×H int. (mm)	Pk	Cat. No.
Small container	394x216x229	217×363×94	1	**720-1988**
Large container	394x216x305	217×363×157	1	**720-1989**

Transport bag with biohazard symbol with fast-zip closure and pocket for documents



PE, transparent

- For the transport of samples
- With pressure seals
- Complete with separate external pocket for documentation
- Closure with pressure band

Description	L×W (mm)	Pk	Cat. No.
Transport bag ECO, with biohazard symbol, with fast-zip closure and a pocket for documents	150×230	1.000	**720-2827**

Disposable bags, Safe-Tamper System



PE

Anti-tamper disposable bags with double pocket for internal hospital biological sample transportation. Double pocket bags: Two separate compartments for lab document and specimen. It is possible to customise the bags.

- Transparent bags, yellow coloured to identify leakage of fluid and for a better visibility of the contents
- With adhesive closure to prevent tampering and to preserve patient privacy
- Printed biohazard logo and instructions
- The bag is destroyed by opening it, preventing reuse and avoiding any risk of cross-contamination

Description	L×W (mm)	Pk	Cat. No.
Safe-Tamper System anti-tampering bag	157×306	500	**720-1985**

Foil dispenser



ABS

This foil dispenser is designed as an inexpensive alternative to pre-cut foil squares.

- Small size allows for use in limited spaces and easy transport
- Unique blade and cover activation allows the foil to be cut to a desired length

Description	W×D×H (mm)	Pk	Cat. No.
Foil dispenser	100×190×120	1	**113-1575**

Description	Pk	Cat. No.
Foil rolls		
Foil rolls, 102 mm×153 m	24	**113-1576**
Foil rolls, 153 mm×153 m	24	**113-1577**

Aluminium foil in dispenser



Pure aluminium 99,0 - 99,5%

Ideal for packaging, covering and insulation.

- Comes in a practical dispenser
- Available in various widths and thicknesses
- Length of roll to suit various requirements

Width (mm)	Length (m)	Thickness (µm)	Pk	Cat. No.
280	120	15	1	**291-0044**
430	120	15	1	**291-0045**
280	60	30	1	**291-0046**
430	60	30	1	**291-0047**

Wipes for general applications



Absorbent, soft, thick and low lint tissues made from virgin fibres. For light use in the laboratory, electronics, computer industry, pharmaceuticals, biotechnology, optics, etc.

- High absorbency, in three formats, available in single or triple ply
- Practical dispenser box with anti-static, plastic film window for removal
- Table and wall-mounted dispensers for one handed removal of the wipes are available separately

Colour: White

Description	L×W (mm)	Packed	Pk	Cat. No.
Wipes				
Tissue wipes, 1 ply	213×114	In box	280	**115-0202**
Tissue wipes, 1 ply	424×355	In box	140	**115-0203**
Tissue wipes, 3 ply	424×368	In box	90	**115-0204**



115-0128

Wipes, pre-saturated

These non woven wipes are constructed of cellulose and polyester and moistened with a blend of pure, reagent-grade 70% isopropyl alcohol and 30% reagent-grade deionised water. They are ideal for wiping optical parts, delicate glassware, electrodes, cuvettes, microscopes, or lenses.

- Suitable for all applications in environmentally-sensitive areas
- Very strong, soft and lint-free
- Will not scratch surfaces
- Individually dispensed wipes are handy and ready for instant use
- Reclosable benchtop container assures a clean wipe every time, snap-on sealed top eliminates contamination from dust or dirt

L×W (mm)	Packed	Pk	Cat. No.
152×228	100 wipes/container	100	**115-0128**

Absorbents - mats, rolls and socks for oil, water and chemical-based spills, grey

VWR absorbents and spill containment products help you keep the employees and work environment safe from unexpected spills, leaks, drips or other accidents. For maintenance and universal sorbents.

- Will absorb a variety of industrial liquids including oil, water, solvents, coolants, etc
- Cannot be left outdoors as they will absorb water

Colour: Grey



Description	Capacity (l)	L×W (mm)	Packed	Pk	Cat. No.
Universal pads	136	510×410	Box	200	**121-0138**
Universal roll	57	46000×380	Dispenser box	1 Roll	**121-0141**
Universal socs	43	1220×76	Box	12	**121-0144**



Absorbents - mats, rolls and socks for chemical-based spills, green

VWR absorbents and spill containment products help you keep the employees and work environment safe from unexpected spills, leaks, drips or other accidents. For use with chemicals.

- Will only absorb a wide range of chemicals, including acids and caustics
- Chemically inert: Product does not degrade or cause a dangerous chemical reaction with the adsorbed liquid
- Green colour alerts that product is being used for hazardous liquids
- Green colour allows user to identify and separate hazardous waste for disposal, resulting in lower disposal costs
- Cannot be left outdoors as they will absorb water

Colour: Green

Description	Capacity (l)	L×W (mm)	Packed	Pk	Cat. No.
Chemical pads	136	510×410	Box	200	**121-0139**
Chemical roll	57	46000×380	Dispenser box	1 Roll	**121-0142**
Chemical socs	43	1220×76	Box	12	**121-0145**

Safety labels, according to GHS

These labels, made of PE film and with the GHS symbols, meet with GHS (Global Harmonised System) regulations for chemical substances and mixtures. The GHS symbols will replace traditional orange symbols (HSID) by 2015, when the pictogram on an orange square and R and S phrases will disappear. The GHS symbols are based on the physical, health and environmental risks posed by the substance. The mandatory dates for conversion to GHS labelling are December 2010 for 'pure' chemical substances and June 2015 for chemical mixtures.



- Diamond shape
- Black print on white background in red frame
- Roll contains 500 labels in dispensing box

Description	Dimensions (mm)	Pk	Cat. No.
GHS label, Acute Toxicity	26×26	1 Roll	**116-0284**
GHS label, Corrosive	26×26	1 Roll	**116-0286**
GHS label, Environmental Toxicity	26×26	1 Roll	**116-0282**
GHS label, Explosive	26×26	1 Roll	**116-0280**
GHS label, Flammable	26×26	1 Roll	**116-0285**
GHS label, Gas under Pressure	26×26	1 Roll	**116-0281**
GHS label, Irritating	26×26	1 Roll	**116-0287**
GHS label, Oxidising	26×26	1 Roll	**116-0279**
GHS label, Respiratory Sensitisation/Carcinogen	26×26	1 Roll	**116-0283**



Multipurpose marker

The ultra-fine tip of this permanent marker and the contrasting black colour allow clearly legible writing. Writes on glass, plastic and paper.

- Writes immediately, no priming required
- Solvent resistant
- Odourless
- Fast drying
- With holding clip to attach it to a pocket or writing board

Description	Pk	Cat. No.
Pen with synthetic tip	12	**631-1136**

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Email: info.at@vwr.com

Belgium
VWR International bvba
Researchpark Haasrode 2020
Geldenaaksebaan 464
3001 Leuven
Tel.: 016 385 011
Fax: 016 385 385
Email: vwr.be@vwr.com

Czech Republic
VWR International s. r. o.
Veetee Business Park
Pražská 442
CZ - 281 67 Stříbrná Skalice
Tel.: +420 321 570 321
Fax: +420 321 570 320
Email: info.cz@vwr.com

Denmark
VWR International A/S
Transformervej 8
2860 Søborg
Tel.: 43 86 87 88
Fax: 43 86 87 90
Email: info.dk@vwr.com

Finland
VWR International Oy
Valimotie 9
00380 Helsinki
Tel.: 09 80 45 51
Fax: 09 80 45 52 00
Email: info.fi@vwr.com

France
VWR International S.A.S.
Le Périgares – Bâtiment B
201, rue Carnot
94126 Fontenay-sous-Bois cedex
Tel.: 0 825 02 30 30 (0,18 € TTC/min)
Fax: 0 825 02 30 35 (0,18 € TTC/min)
Email: info.fr@vwr.com

Germany
VWR International GmbH
Hilpertstraße 20a
D - 64295 Darmstadt
Freecall: 0800 702 00 07
Fax: 0180 570 22 22*
Email: info.de@vwr.com
*0,14 €/Min. aus d. dt. Festnetz

Hungary
VWR International Kft.
Simon László u. 4.
4034 Debrecen
Tel.: (52) 521-130
Fax: (52) 470-069
Email: info.hu@vwr.com

Ireland / Northern Ireland
VWR International Ltd /
VWR International (Northern Ireland) Ltd
Orion Business Campus
Northwest Business Park
Ballycoolin
Dublin 15
Tel.: 01 88 22 222
Fax: 01 88 22 333
Email: sales.ie@vwr.com

Italy
VWR International S.r.l.
Via San Giusto 85
20153 Milano (MI)
Tel.: 02-3320311
Fax: 800 152999/02-40090010
Email: info.it@vwr.com

The Netherlands
VWR International B.V.
Postbus 8198
1005 AD Amsterdam
Tel.: 020 4808 400
Fax: 020 4808 480
Email: info.nl@vwr.com

Norway
VWR International AS
Haavard Martinsens vei 30
0978 Oslo
Tel.: 02290
Fax: 815 00 940
Email: info.no@vwr.com

Poland
VWR International Sp. z o.o.
Limbowa 5
80-175 Gdansk
Tel.: 058 32 38 200
Fax. 058 32 38 205
Email: info.pl@vwr.com

Portugal
VWR International -
Material de Laboratório, Lda
Edifício Neopark
Av. Tomás Ribeiro, 43- 3 D
2790-221 Carnaxide
Tel.: 21 3600 770
Fax: 21 3600 798/9
Email: info.pt@vwr.com

Spain
VWR International Eurolab S.L.
C/ Tecnología 5-17
A-7 Llinars Park
08450 - Llinars del Vallès
Barcelona
Tel.: 902 222 897
Fax: 902 430 657
Email: info.es@vwr.com

Sweden
VWR International AB
Fagerstagatan 18a
163 94 Stockholm
Tel.: 08 621 34 00
Fax: 08 621 34 66
Email: kundservice.se@vwr.com

Switzerland
VWR International GmbH
Lerzenstrasse 16/18
8953 Dietikon
Tel.: 044 745 13 13
Fax: 044 745 13 10
Email: info.ch@vwr.com

Turkey
VWR International Laboratuar Teknolojileri Ltd.Şti.
Orta Mah. Cemal Gürsel Caddesi
Ördekcioglu Işmerkezi No.32/1
34896 Pendik - Istanbul
Tel.: +90 216 598 2900
Fax: +90 216 598 2907
Email: info.tr@vwr.com

UK
VWR International Ltd
Customer Service Centre
Hunter Boulevard - Magna Park
Lutterworth
Leicestershire
LE17 4XN
Tel.: 0800 22 33 44
Fax: 01455 55 85 86
Email: uksales@vwr.com

Australia
VWR International, Pty Ltd.
Level 1, Unit 1a/60 Enterprise Place
Tingalpa, Queensland, 4173
Tel.: 1300 727 696
Fax: 1300 135 123
Email: sales.au@vwr.com

China
VWR International China Co., Ltd.
Shanghai Branch
Room 256, No. 3058 Pusan Road
Pudong New District
Shanghai 200123
Tel.:+86-21-5898 6888
Fax:+86-21-5855 8801
Email: info_china@vwr.com

India
VWR Lab Products Private Limited
No.139. BDA Industrial Suburb,
6th Main, Tumkur Road, Peenya Post,
Bangalore, India – 560058
Tel.: +91-80-28078400
Fax: +91-80-28078410
Email: vwr_india@vwr.com

New Zealand
Global Science - A VWR Company
241 Bush Road
Albany 0632, Auckland
Tel.: 0800 734 100
Fax: 0800 999 002
Email: sales@globalscience.co.nz

Singapore
VWR Singapore Pte Ltd
18 Gul Drive
Singapore 629468
Tel: +65 6505 0760
Fax: +65 6264 3780
Email: sales.sg@vwr.com

KL-IJ-EJ-09/2016

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