

NEW SAMPLE MANAGEMENT SYSTEM

For Low Volume Samples



EXCLUSIVELY BY:

MICROSOLV TECHNOLOGY CORPORATION

avantor[™]
delivered by **VWR**[™]

VWR.COM

Improved Sample Management



Visualize

- Missed fills
- Emulsion or precipitation
- Color changes
- Debris/bubbles



Gain Thermal Control

- Even heating and cooling in all wells
- Faster evaporation
- Reproducibility = Improved %RSD



Ultimate Compatibility

- Fits existing autosamplers, meets ANSI specs
- Fits water bath/storage
- Compatible with robotics and liquid handling
- Compatible with heating and mixing equipment



Orthogonality

- Drop insert into vials
- 2D, LC <=> GC
- Archive/storage
- Further analysis
- Flexibility



RSA™ and RSA-Pro™

- Reduced Surface Activity Inserts
- Meets or exceeds all instrument specs
- Use for LCMS, LCMS/MS, low abundance and basic analytes



Sustainability

- Rack has less weight
- Less waste, Base is reusable
- Less solvent due to fewer repeats



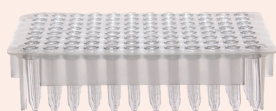
350µL

Inserts, Racks, & Mats

76045-312
HPLC Solvent Resistant Mat



10002-810 or 10002-804
Rack with Glass Inserts



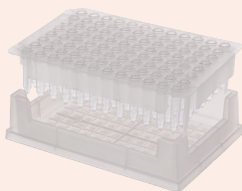
10002-826 or 10002-824
Base Only



76045-326
Rack with Glass Inserts, Base,
and HPLC Solvent Resistant Mat
Easy Purchase Pack



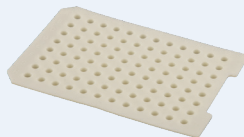
10014-946
Rack with Glass Inserts and Base
(Mat not included)



500µL

Inserts, Racks, & Mats

76045-338
HPLC Solvent Resistant Mat



76040-534 or 76040-470
Rack with Glass Inserts



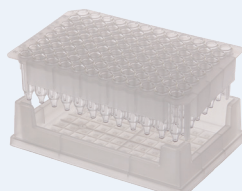
10002-826 or 10002-824
Base Only



76040-456
Rack with Glass Inserts, Base,
and HPLC Solvent Resistant Mat
Easy Purchase Pack



76045-350
Rack with Glass Inserts and Base
(Mat not included)



1mL

Inserts, Racks, & Mats

76045-338
HPLC Solvent Resistant Mat



76040-476 or 76077-104
Rack with Glass Inserts



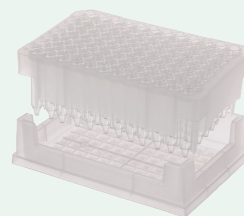
10002-826 or 10002-824
Base Only



76040-448
Rack with Glass Inserts, Base,
and HPLC Solvent Resistant Mat
Easy Purchase Pack



76045-348
Rack with Glass Inserts and Base
(Mat not included)



U-2D™ Sample Management

PRE-RACKED INSERTS AND PLATE

ORDERING INFORMATION

U2D™ EASY PURCHASE PACKS. PRE-LOADED INSERTS IN RACK WITH BASE AND MAT

CAT NO.	INSERT GLASS TYPE	INSERT SIZE	RUBBER MAT MATERIAL	MAT TYPE
10002-796	RSA-Pro	350µL	Silicone	Non-slit
76045-324	RSA-Pro	350µL	HPLC Solvent Resistant	Non-slit
10002-798	RSA	350µL	Silicone	Non-slit
76045-326	RSA	350µL	HPLC Solvent Resistant	Non-slit
10002-800	RSA-Pro	350µL	Silicone	Pre-slit
76045-328	RSA-Pro	350µL	HPLC Solvent Resistant	Pre-slit
10002-802	RSA	350µL	Silicone	Pre-slit
76045-330	RSA	350µL	HPLC Solvent Resistant	Pre-slit
10014-946*	RSA	350µL	Not Included	Not Included
76040-528	RSA-Pro	500µL	Silicone	Non-slit
76040-464	RSA-Pro	500µL	HPLC Solvent Resistant	Non-slit
76040-454	RSA	500µL	Silicone	Non-slit
76040-456	RSA	500µL	HPLC Solvent Resistant	Non-slit
76040-466	RSA-Pro	500µL	Silicone	Pre-slit
76040-468	RSA-Pro	500µL	HPLC Solvent Resistant	Pre-slit
76040-458	RSA	500µL	Silicone	Pre-slit
76040-460	RSA	500µL	HPLC Solvent Resistant	Pre-slit
76040-442*	RSA-Pro	500µL	Not Included	Not Included
76045-350*	RSA	500µL	Not Included	Not Included
76040-462	RSA-Pro	1mL	Silicone	Non-slit
76040-522	RSA-Pro	1mL	HPLC Solvent Resistant	Non-slit
76040-444	RSA	1mL	Silicone	Non-slit
76040-448	RSA	1mL	HPLC Solvent Resistant	Non-slit
76040-524	RSA-Pro	1mL	Silicone	Pre-slit
76040-526	RSA-Pro	1mL	HPLC Solvent Resistant	Pre-slit
76040-450	RSA	1mL	Silicone	Pre-slit
76040-452	RSA	1mL	HPLC Solvent Resistant	Pre-slit
76040-440*	RSA-Pro	1mL	Not Included	Not Included
76045-348*	RSA	1mL	Not Included	Not Included

U-2D™ BASES ONLY. FITS ALL RACKS

CAT NO.	PACK/CASE QUANTITY
10002-826	6
10002-824	12

*Base and Rack only. Does not include mat.

U-2D™ PACKS AND CASES. PRE-LOADED INSERTS IN RACK *(Base and Mat Sold Separately)*

CAT NO.	INSERT/GLASS TYPE	INSERT SIZE	PACK/CASE QUANTITY
10002-810	RSA	350µL	6
10002-804	RSA	350µL	18
10002-808	RSA-Pro	350µL	6
10002-806	RSA-Pro	350µL	18
76040-534	RSA	500µL	6
76040-470	RSA	500µL	18
76040-532	RSA-Pro	500µL	6
76040-530	RSA-Pro	500µL	18
76040-476	RSA	1mL	6
76077-104	RSA	1mL	12
76040-474	RSA-Pro	1mL	6
76077-106	RSA-Pro	1mL	12

U-2D™ SEALING MATS ONLY

CAT NO.	RUBBER MAT MATERIAL	STYLE	PACK/CASE QUANTITY	USE WITH RACK/INSERTS
10002-790	Silicone	Non-slit	1	350µL
10002-764	Silicone	Non-slit	5	350µL
76045-312	HPLC Solvent Resistant	Non-slit	1	350µL
76045-310	HPLC Solvent Resistant	Non-slit	5	350µL
10002-794	Silicone	Pre-slit	1	350µL
10002-792	Silicone	Pre-slit	5	350µL
76045-316	HPLC Solvent Resistant	Pre-slit	1	350µL
76045-314	HPLC Solvent Resistant	Pre-slit	5	350µL
76045-334	Silicone	Non-slit	1	500µL or 1mL
76045-332	Silicone	Non-slit	5	500µL or 1mL
76045-338	HPLC Solvent Resistant	Non-slit	1	500µL or 1mL
76045-336	HPLC Solvent Resistant	Non-slit	5	500µL or 1mL
76045-342	Silicone	Pre-slit	1	500µL or 1mL
76045-340	Silicone	Pre-slit	5	500µL or 1mL
76045-346	HPLC Solvent Resistant	Pre-slit	1	500µL or 1mL
76045-344	HPLC Solvent Resistant	Pre-slit	5	500µL or 1mL

U-2D™ ACCESSORIES. FINE TIP PERMANENT MARKERS

CAT NO.	COLOR	TIP SIZE	PACK/CASE QUANTITY
10002-812	Black	0.8mm	1
10002-814	Black	0.8mm	10
10002-816	Red	0.8mm	1
10002-818	Red	0.8mm	10
75812-796	Black	0.25mm	1
75812-798	Black	0.35mm	1
75812-800	Black	0.45mm	1
75812-810	Silver	0.7mm	1
75812-812	White	0.7mm	1

Other accessories available, please inquire.

U2D™

RACKED INSERTS / 96-WELL PLATES

- Inspect samples after they are in the plates
- All samples can be temperature controlled equally in the plate
- Compatible with all autosamplers with 96 well plate injectors
- Remove and place 350ul insert into vial for use on other instruments
- RSA™ glass inserts for surface activity control
- HPLC Solvent Resistant Mats available
- Available in RSA™ or RSA-Pro™ Glass

