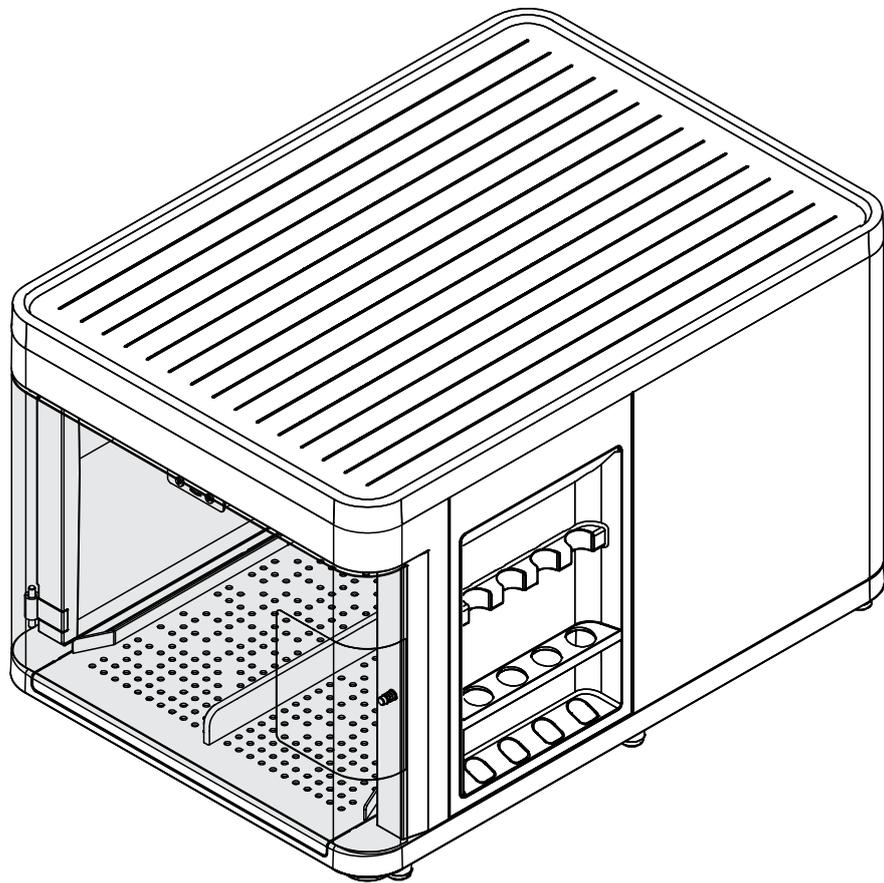




Pure Fraction Collector C-106

Technical data sheet

The Pure Fraction Collector C-106 (Pure Fraction Collector) collects fractions in an automated manner according to the defined volume or peak when connected to an appropriate Pure system (e.g. Pure Chromatography C-900).



Scope of delivery

All configurations are supplied ready to use.



NOTE

The scope of delivery depends on the configuration of the purchase order.

Accessories are delivered as per the purchase order, order confirmation, and delivery note.

Component	Pure Fraction Collector
Pure Fraction Collector	1
Power cord	1
Communication cable, BUCHI COM, 0.9 m, 6p	1
Fitting kit (one-piece fitting 1/8")	1
Exhaust hose	1
Operation manual	1



NOTE

No racks included.

Racks are not included in the scope of delivery.

Order code

Choose the configuration according to your needs:

1 1 C 1 0 6 0 0 Pure Fraction Collector

1 1 C 9 0 0 1 0 Pure Essential Chromatography System
(Pure Chromatography C-900 + Pure UV Detector +
Pure Fraction Collector)

1 1 C 9 0 0 2 0 Pure Chromatography C-900
with Pure Fraction Collector

Technical data

Pure Fraction Collector

Specification	Value
Dimensions (W x D x H)	330 x 470 x 305 mm
Weight	11.5 kg
Power consumption	25 W
Supply voltage	100 – 240 VAC ± 10%
Frequency	50/60 Hz
Fuse	1 A
Overvoltage category	II
Pollution degree	2
Hose connections	2 UNF 1/4"-28
Interfaces	2 BUCHI standard communication ports (COM)
Compatible racks	Pure metal racks type 1, 2, 3, 6, 9 New racks type 10 – 14 (tubes, funnels, jars, evaporation flasks)
No. of racks	1 or 2
High collection capacity	Yes (unlimited with funnel rack)
Fraction Collector area	Closed
Active ventilation	Yes
Fume hood needed	No
Fraction Collector lamp (on/off)	Yes (via software)
Collection mode	By volume or peak
Waste outlet	Yes

Ambient conditions

For indoor use only.

Specification	Value
Max. altitude above sea level	2,000 m
Ambient and storage temperature	5 – 40 °C
Max. relative humidity	80% for temperatures up to 31 °C decreasing linearly to 50% relative humidity at 40 °C

Spare parts and accessories

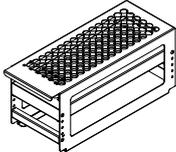
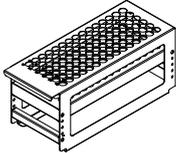
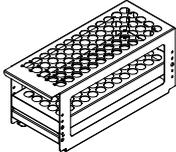
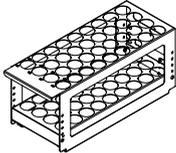
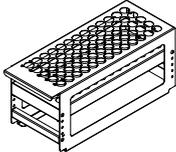
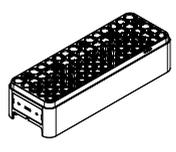
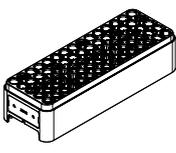
Use only genuine BUCHI consumables and spare parts in order to ensure correct, safe and reliable operation of the system.

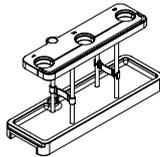
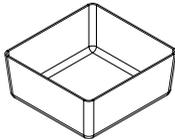


NOTE

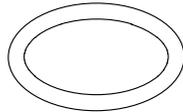
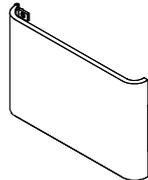
Any modifications of spare parts or assemblies are only allowed with the prior written permission of BUCHI.

Accessories

	Order no.	Image
Pure rack type 1 Metal rack for 12 x 75 mm glass tubes, 1 pc.	11066672	
Pure rack type 2 Metal rack for 13 x 100 mm glass tubes, 1 pc.	11066673	
Pure rack type 3 Metal rack for 16 x 125 mm glass tubes, 1 pc.	11066674	
Pure rack type 6 Metal rack for 25 x 150 mm glass tubes, 1 pc.	11066677	
Pure rack type 9 Metal rack for 16 x 100 mm glass tubes, 1 pc.	11069242	
Pure rack type 10 Rack for 18 x 150 mm glass tubes, 1 pc.	11074055	
Pure rack type 11 Rack for 16 x 150 mm glass tubes, 1 pc.	11074056	

	Order no.	Image
Rack type 12 Rack for 8 funnels and 1 waste vial	11074402	
Pure rack type 13 Rack for 4 x 480 ml jars, 1 pc.	11074894	
Pure rack type 14 Rack for 3 x 500 ml flasks, 1 pc.	11074484	
Syncore rack for Pure Essential Line Rack for 16 x 130 mm glass tubes, 1 pc.	11076063	
Fraction Collector door for Pure rack type 12 (funnel rack)	11075388	
Retaining container Retaining container for solvent bottle platform for more safety regarding leaking	11068468	
Pure Essential Solvent Bottle Platform For 6 x 2 l bottles	11075721	

Spare parts

	Order no.	Image
Exhaust hose Ø 25 mm, L = 2.5 m	11068204	
O-ring set for Pure rack type 12 (funnel rack) Ø 36.00 x 4.00 mm	11080150	
Hose SIR for the Pure rack type 12 (8 pcs)	11080141	
Communication cable. BUCHI COM, 0.9 m, 6p Enables connection between Rotavapor® R-300 / R-220 Pro, Interface I-300 / I-300 Pro, Vacuum Pump V-300 / V-600, Recirculating Chiller F-3xx, VacuBox and LegacyBox. Enables connection between Pure® Chromatography C-900, Fraction Collector, UV Detector.	11070540	
Fraction Collector door cpl. Incl. Fraction Collector door and hinge	11072100	

	Order no.	Image
Fitting kit One-piece fitting 1/8"	11074308	

Tubes and bottles

	Order no.	Image
Glass funnel set (1 pc.) 8 glass funnels for Pure rack type 12	11074939	
Pure Glass Tubes 13 x 100 mm 1000 pcs.	148623414	
Pure Glass Tubes 16 x 150 mm 1000 pcs.	148623416	
Pure Glass Tubes 18 x 150 mm 500 pcs.	148623410	
Pure Glass Tubes 25 x 150 mm 500 pcs.	148623411	
Set of 100 standard test tubes for EasyFill Rack R-96 Total volume 17 mL, 16 x 130 mm (d x h)	038543	
Pure Squared bottles 480 mL 24 pcs.	148623412	

Maintenance kits

	Order no.
Pure Fraction Collector Extended Maintenance Kit Contains all parts required for an extended maintenance, recommended after 3 years of instrument use	11075560