

Future
Science
Today!

Fractions cooled
down to +6 °C

Holds up to 64 sealed vials

Fractions from 1-1200 µL

Optional collection into four
vials simultaneously



CMA 470

Refrigerated Fraction Collector

The CMA 470 Refrigerated Fraction Collector is specifically designed to collect microliter volume fractions typical of microdialysates. It has thermoelectric cooling down to +6 °C and the fractions can be collected in sealed vials. Both of these are important considerations for the prevention of evaporation and chemical degradation. It is possible to collect fractions as small as 1 µL at the bottom of each vial. The capacity of the collector is 64 vials of 300 µL each or 40 vials of 2 mL each. Equipped with a quadruple assembly the CMA 470 can collect fractions from up to four probes simultaneously. There is also an option to collect samples in open vials.

The collection takes place in a temperature controlled magazine where the vial cassettes rotate. The cannulas are in fixed vertical position to not influence the flow.

Although it is not necessary to connect the system to a computer for normal operation, the CMA 470 Refrigerated Fraction Collector is equipped with a RS232 and a USB port to communicate with other instruments or for computer-control the system in advanced operations.



CMA / *Microdialysis*

www.microdialysis.com



Ability to collect up to four fractions



Convenient user interface

technical information

Collection: 1 µL- 1.2 mL

Number of vials: 64 x 300 µL, 40 x 2 mL

Septa: Non reclosing

Cooling: Down to +6 °C in steps of 1 °C

Temperature accuracy: ± 1.5 %

Collection mode: Time, minutes and seconds

Environment temperature: 10 – 32 °C

Display: LCD 4 x 20 characters, back lighted

Memory: Non - volatile. Stores all settings

External connections: General purpose digital Input/Output

Computer connection: RS 232 serial interface and USB

Voltage: 100 – 240 VAC, 50 – 60 Hz

Power consumption: External adaptor max 55 W

Dimensions: 222 x 279 x 142 (167) mm (W x D x H)

Weight: Approx. 3.8 kg

Intended use: Designed for research and industrial applications, the CMA 470 Refrigerated Fraction Collector is not approved for clinical use.

ordering information

Ref. No.

CMA 470 Refrigerated Fraction Collector 800 2770

Including:
4 Cassettes for Small Vials
Holder for Single Cannula
Holder for Quadruple Cannulae
4 Cannulae for Tubing
4 Cannulae for Septa

Accessories

Vials, Plastic 300 µL (1000/pkg)	743 1100
Caps, Plastic* (1000/pkg)	743 1101
Vials, Glass 300 µL (500/pkg)	743 1007
Caps/Seals Non-Reclosing Small (1000/pkg)	743 2175
Vials, Glass 2 mL (500/pkg)	743 2009
Caps/Seals Reclose Large* (500/pkg)	743 2011
Crimper, Small	743 2017
Crimper, Large	743 2018
Cassette, Small Vials, Plastic	832 0010
Cassette, Large Vials, Aluminum	832 0008
Holder for Single Cannula	800 2775
Holder for Quadruple Cannulae	800 2774
Cannula for Tubing	800 2999
Cannula for Septa	800 3000
CMA RS232 PC/RJ45 Cable	800 2031
USB cable type A-B	800 2773

* Not for use in the Fraction Collector



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