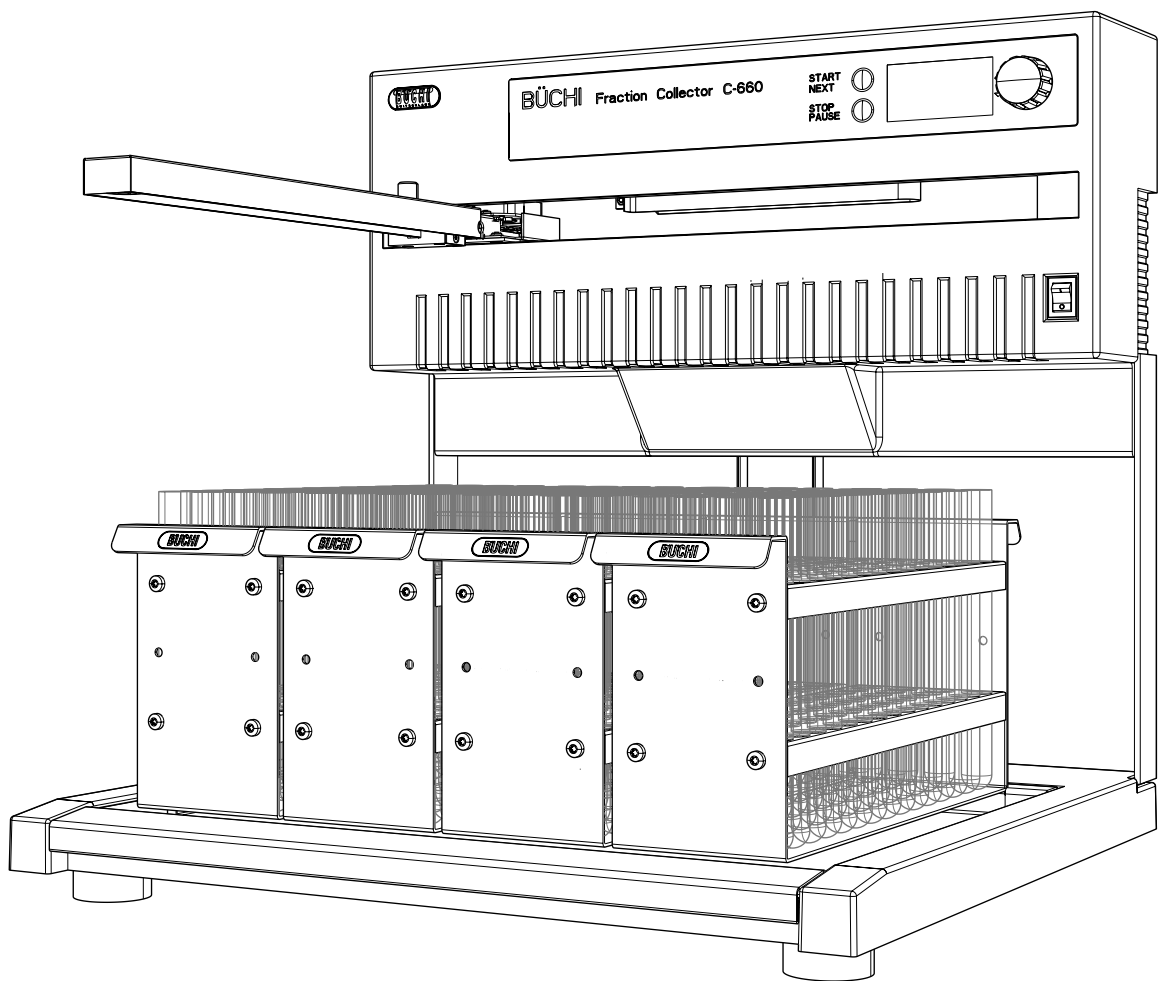# Fraction collector C-660
Technical data sheet

The Fraction collector C-660 collects the separated substances according to time, volume or peak. During each run, up to 12 L can be collected in a maximum of 240 glass tubes.

Scope of delivery

Components	Qty
ETFE tubing 1/8" × 1.59 mm, 1.5 m	1
Tubing guide	1
Fittings 1/8"	5
Ferrules 1/8"	5
Connection cable RJ45, 2 m	1
Torx wrench TX30	1
Demo CD Sepacore Record	1
Cable RS232 9F/9F link	1
Mini gender changer	1
Power cable	1
Operation Manual	1

Order code

0	4	4	9	0	0	Fraction collector C-660

Technical data

Dimensions (W × H × D)	465 × adjustable from 370 to 460 × 470 mm
Weight	14 kg
Connection voltage	100 – 230 V ± 15 %
Frequency	50/60 Hz
Power consumption	max. 25 W
Degree of protection	IP20
Overvoltage category	II
Pollution degree	2
Peak detection type	Peak threshold
Peak detection	Monitoring of 1 or 2 detector signals
Fuse	T500 mA L 250 V
Display	Back-lit LCD graphic display 28 × 64 pixels (58 × 29 mm)
Dialog languages	en / de / fr / it / es / ja

Racks	4 × FC60: 4 × (60 × 20 mL tubes)
	4 × FC30: 4 × (30 × 50 mL tubes)
	4 × FC12: 4 × (12 × 250 mL tubes)
	Syncore racks (R4, R6, R12, R24, R48, R96)
	Teach-in-function for 11 user-specific racks
Interfaces	2 × RS485 (system bus)
	1 × RS232 (process data output)
	1 × Mini-DIN (waste valve)
	1 × Mini-DIN (TTL In / alarm monitoring and/or ext. start)
	1 × Mini-DIN (level sensor for waste container)
	2 × Cinch In (detector signal input)
	2 × Cinch Out (detector signal and fraction change marker)

Collection

Area (W × D)	440 mm × 350 mm
Modes	Time (interval timer 1 s – 100 h)
	Volume (only with BUCHI Sepacore pumps)
	Peak Threshold (together with a detector)

Environmental conditions

Temperature	5 – 35 °C for indoor use only
Altitude	up to 2000 m
Humidity	maximum relative humidity 80 % for temperature up to 31 °C, and then lineary decreasing to 50 % at 40 °C

Accessories

	Order number
Waste valve	044964
Tubing fitting set	044021
Waste level sensor	045288
Set of 4 racks FC 12	044957
Set of 4 racks FC 30	044958
Set of 4 racks FC 60	044959
10 × 250 mL tubes for rack FC 12	044960
20 × 50 mL tubes for rack FC 30	044961
100 × 20 mL tubes for rack FC 60	044962
Chromatography table	054290

	Order number
Chromatography table with monitor holder	054292
Monitor holder for chromatography table	054291
Column Module	054293
Dishwasher Box for Fraction Collector Racks	054002

SepacoreRecord Software

The SepacoreRecord software is used for straightforward electronic data acquisition. All parameters of a chromatographic run are recorded automatically in a database. It provides multiple user definable features, such as peak tracking, the ability to combine fractions, add comments and create reports.

System Requirements
The PC must fulfill the following requirements:

Operating System	Windows XP Professional (32-bit only), SP3 or Windows 7 Professional / Ultimate / Enteprise (32-bit or 64-bit)
Central Processing Unit	1 GHz or faster
RAM	512 MB or more
Harddisk	> 5 GB of free harddisk
Display resolution	1024 × 768 (minimum 1024 × 768)
Interface	COM port (RS232)
Others	CD-ROM drive

Order code

| 1 | 1 | 0 | 5 | 7 | 0 | 8 | 7 | SepacoreRecord software |

| 0 | 1 | 3 | 8 | 7 | 5 | SepacoreRecord Data Aquisition License for an additional PC |

| 0 | 2 | 3 | 8 | 7 | 1 | SepacoreRecord Fraction Collector License for an additional fraction collector |

| 1 | 1 | 0 | 5 | 8 | 8 | 3 | 9 | SepacoreRecord update |

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