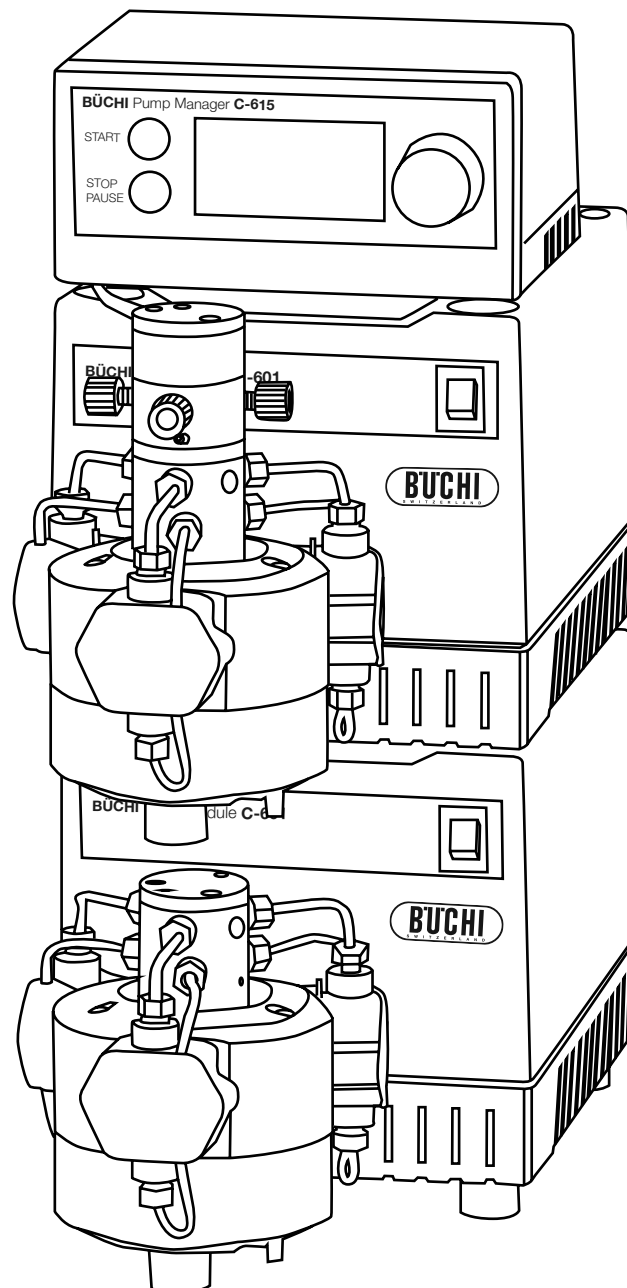




Sepacore® «Basic» / «Easy» purification systems

Technical data sheet

Sepacore® «Basic», «Easy Synthesis» and «Easy Extract» purification systems are designed for separations up to 10 bar (145 psi) or 50 bar (725 psi). They enable a fast operation and easy programming. A large graphical display allows a quick and easy set up. It fits perfectly for pre-packed cartridges or glass columns for product amounts up to several hundred grams.



Scope of delivery

Components	Basic	Easy Synthesis	Easy Extract
C-610 Pump Controller	1	-	-
C-615 Pump Manager	-	1	1
C-601 Pump	1	2	-
C-605 Pump	-	-	2
Cartridge Stand	1	1	1
Cartridge Holder	1	1	1
Injection Valve	1	1	1
Set Luer Adapter male / female	1	1	1

Order code

1 1 0 5 9 7 9 2	Easy Synthesis Purification System
1 1 0 5 9 7 9 3	Easy Extract Purification System
0 4 5 2 2 1	Basic Purification System

Dimensions and weight

	Dimensions (W × H × D)	Weight
Pump Module C-601 / 605	160 × 295 × 305 mm	4 kg
Pump Manager C-615	150 × 80 × 120 mm	< 1 kg
Pump Controller C-610	150 × 80 × 120 mm	< 1 kg

Technical data

C-601 / C-605

Connection voltage	100 – 230 V ± 15 %
Frequency	50/60 Hz
Power consumption	max. 75 W
Degree of protection	IP20
Overvoltage category	II
Pollution degree	2
Function	3 – piston pump chemically inert and biocompatible
Pressure range	0 – 10 bar (0 – 145 psi) or 0 – 50 bar (0 – 725 psi)
Pump Type	Radially arranged 3 – piston pump
Flow rate	2.5 mL/min – 250 mL/min
Flow rate accuracy	+/- 2 % of the set flow rate, calibration option for specific solvents and temperatures
Reproducibility	+/- 0.5 % of the set flow rate
Material in contact with solvent	PEEK, sapphire, ceramic, FEP, ruby
Pump head	Integrated piston back flushing
Languages	en / de / fr / it / es / ja

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 linearly decreasing to 50 % at 40 °C

C-615

Connection voltage	24 V DC
Interfaces	1 × RS232 (process data output) 1 × Mini DIN (TTL in/out for alarm supervision and/or extern. start) 1 × Mini DIN (pressure sensor) 2 × Mini DIN (optional level sensor) 2 × Mini DIN (solvent valves)
Gradient function	yes
Display	LCD display, 128 x 64 pixels
Dialog languages	en / de / sp / fr / it / jp / cn

C-610

Connection voltage	24 V DC
Interfaces	1 × RS232 (process data output) 1 × Mini DIN (TTL in/out for alarm supervision and/or extern. start)
Gradient function	none
Display	LCD display, 3 x 7 pixels
Dialog languages	en / de / sp / fr / it / jp / cn

Accessories

	Order number
Solvent valve set	044854
System stand for pump module	044855
Tubing fitting set	044021
Injection valve	044850
Single 4-way injection / purge device	054288
Single 6-way injection unit	054284
Sample loop 5 mL	045222
Sample loop 20 mL	044852
Sample loop 100 mL	044853
Solvent level sensor	045285