

Technical Specifications



CP Piston Pump Module



The CP Piston Pump Module is the ideal choice for automated systems and it can also be used to perform media addition. To reduce the overall footprint, the CP Module is fully stackable with other Xtend™ Modules. The ceramic piston head design is valve-free, requires minimum maintenance and does not need any priming. Fully controlled by either the EasyTouch™ user interface or WinSOTAXplus Dissolution Software, the powerful CP Module can pull and push through filters.

No. of channels		6, 7 or 8
Pumping		simultaneously on all channels (pushing and pulling)
Priming		Self-priming
Flow rate	Setting	25 mL/min (adjustable to 1-40 mL/min)
	Accuracy	+/- 2 % on 20-30 mL/min
	Drive	Stepping motor
	Strokes	0-400 strokes/min
Pressure		Up to 5 bar
Filter	Connection	25 mm syringe filters on outlets (push) or on suction heads (pull)
	Porosity	Down to 0.2 microns (push)
Tube dimensions	Inside	Ø 1.5 mm
	Outside	Ø 3.0 mm
Materials in contact with media or dosage form		PTFE tubing, optional PEEK, pump head in PVDF, ceramic piston cylinder, Viton® (FPM) seals and fittings
Control	Manual	With panel with LED indicators
	Automated	On-line or on/off-line systems: WinSOTAXplus software; Off-line systems: no software needed (controlled with EasyTouch™ on AT apparatus)
Interfaces		USB type B, CAN, D-sub
Power supply	Mains voltage	100-240 V +/- 10 %
	Frequency	50-60 Hz
	Power consumption	120 VA
Noise emission		< 70 dB (A)
Operating conditions		T° from 15 °C to 30 °C, %RH between 10 % and 75 %
Identification label		CE conformity, 2002/96/EC, manufacturer, unit type, article number, serial number, year of manufacture, mains voltage, frequency, power consumption, fuse protection
Weight		12 kg
Dimensions	Width	550 mm
	Depth	290 mm
	Height	160 mm

Technical specifications are subject to change without prior notice. Products described or illustrated may include options or modifications not fitted as standard. No liability for errors and omissions.