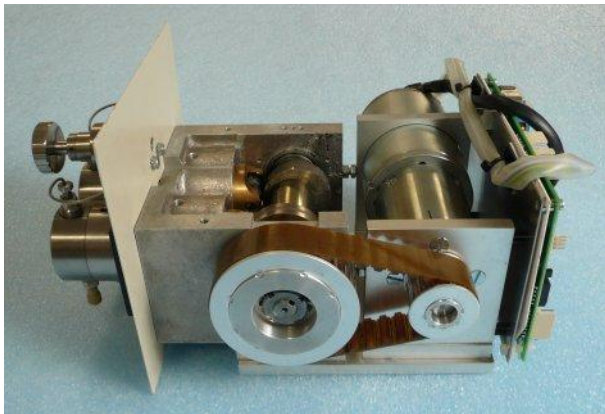
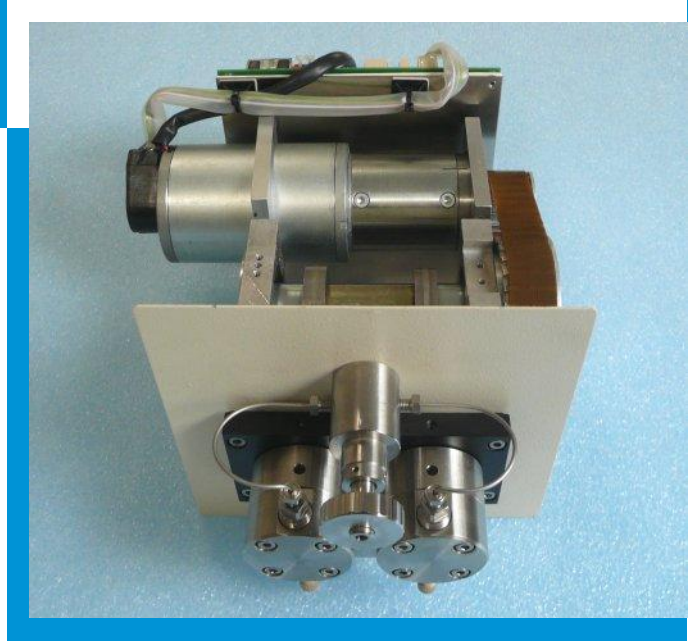


# THETA 100

## PREPARATIVE PUMP

is unit with two pump pistons connected parallel. Flow-rates range is from **0.1 to 100 ml/min.** and maximum operating pressure of **8 MPa or 15 MPa** depending on power supply voltage. The pump is designed as OEM built-in unit. A controlling board is assembled on the pump back part.



### The unit is equipped with the following:

- Electronic safeguard of maximum operating pressure
- Back-flushing of pistons
- External flow rate control (using voltage or RS 232)

## SPECIFICATION

### TECHNICAL PARAMETERS:

Maximum operating pressure	8 MPa by 24 V, 15 MPa by 36 V powering
Flow rate setting	0.1 - 100 ml/min
Method of setting	using voltage 0 – 10V or RS232
Precision of set flow rate (10 ml/min, 1 MPa, H <sub>2</sub> O)	± 2 %
Pumping system	two pistons dim. 3/8" in parallel connection
Material of pumping head	stainless steel
Power requirements	22 - 36 V DC
Power input	60 W
Dimensions (W x H x D)	160 x 150 x 340 mm
Weight	7 kg