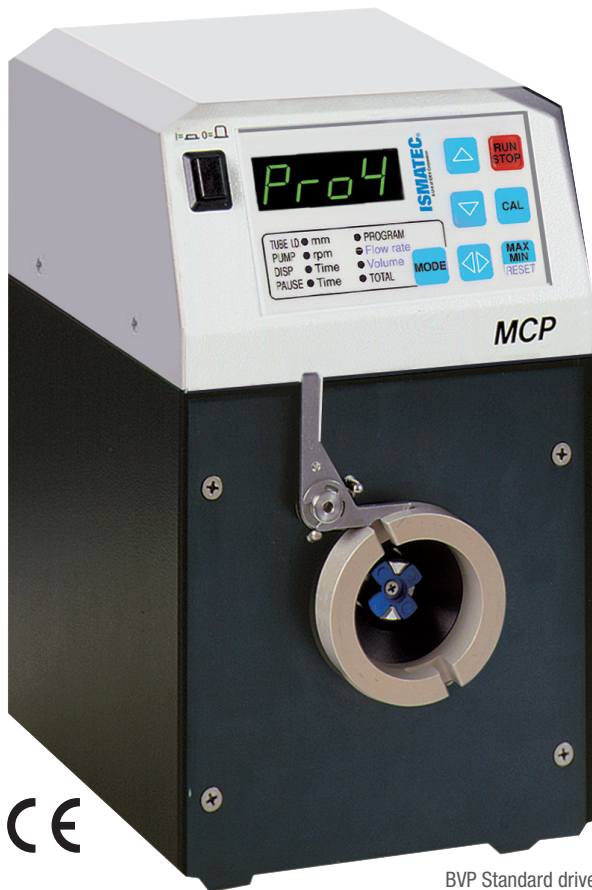


DRIVE FOR TUBING PUMP-HEADS MCP Standard

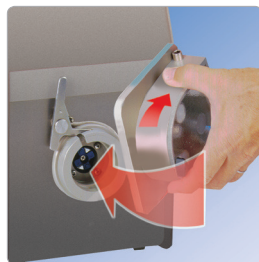
0.001-3700 ml/min
(depends on pump-head)

Multi-purpose
Save individual application parameters!

- Robust, powerful drive
- Ideal for dispensing and filling



BVP Standard drive
(pump-heads on Pages 24 to 29)



Interfaces



PC-controllable:
-RS232



Speed control (0-5 or 0-10 V, 0-20 or 4-20 mA)
Speed output (0-10VDC or 0-7.2 kHz)
Start/Stop, Rotation direction,
Autostart

MCP Standard

without dispensing functions

- 다양한 tubing 사이즈와 펌프헤드를 프로그램으로 입력하여 digital로 flow-rate control 가능
- Membrane key-pad, LED display
- 4개의 프로그램 저장 가능
- 20개 이상의 다양한 pump-head를 선택할 수 있음
- Bayonet 커플링 시스템으로 도구 없이 pump head 교체 가능
- Mounted pump head에 따라 flow rate, channels, rollers와 differential pressure가 다름



Dispensing and calibrating function
see Page 7

Applications

- With pump-head 360 – 제약공정 중 시럽 bottle에 작은 생산규모 (500~1000 units)의 bottle 충전용으로 사용 가능 (foot switch 이용 가능)
- With PTFE-Tubing pump-head – 합성공정 중 time control에 의해 유기용매를 첨가하는 데 사용 가능 (small scale pilot plant)

Specifications

Motor type	DC motor
Speed	1 - 240 rpm
Speed setting	rpm, resolution 0.1 rpm
Flow rate setting	µl/min, ml/min, l/min
Power consumption	100 W
Mains connections	230V _{AC} /50Hz, 115V _{AC} /60Hz adjustable
Depth/Width/Height	220 X 155 X 260 mm (without pump head)
Weight	6.4kg (without pump head)
Protection rating	IP 30

Ordering Information

The complete pump system MCP Standard consists of:

Drive	ISM 404
Pump-head	Pages 24 to 29
Tubing	Pages 34 to 43
Accessories	Page 65
Foot switch	IS 10039