

DRIVE FOR TUBING PUMP-HEADS MCP Process

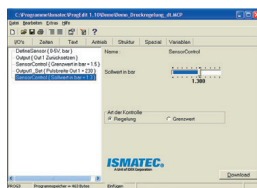
0.001-3700 ml/min
(depends on pump-head)

Programmable ProgEdit를 이용한 PC Control 기능
Protection rate: IP65

- 매우 견고한 드라이브로서 산업용에 적합
- 먼지, 습기, 부식성이 있는 적용분야와 clean room areas에 적합 (IP65, dust-tight and protected against water jets)



MCP Process drive
(pump-heads on Pages 24-29)



Get your free plugin for ProgEdit
(see Page 65)

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
2 universal inputs/outputs

MCP Process

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



Dispensing and calibrating function
see Page 7

Applications

- With pump-head Pro 381 and pressure sensor
 - 0.2µm filter plate를 통해서 human plasma 의 압력 컨트롤된 멸균 filtration 공정
 - Optical alarm으로 인해서 일정한 모니터링은 더 이상 필요치 않음
- With pump-head MS/CA 4-12 and switching valves
 - Stabilizing of an electrophysiological test system with Ringer solution and switching to the test solutions without delay at very low flow rates

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	100-230V _{ac} /50-60Hz
Depth/Width/Height	220 X 155 X 260 mm (without pump head)
Weight	6.9kg (without pump head)
Protection rating	IP 65

Ordering Information

The complete pump system MCP Process consists of:	
Drive	ISM 915
Pump-head	Pages 24 to 29
Tubing	Pages 34 to 43
Accessories	Page 65
Foot switch	IS 10039
Software ProgEdit	free

LabVIEW driver for download for free: www.revodix.co.kr