

MASTERFLEX[®]

ISMATEC[®]

Masterflex[®] Ismatec[®] Reglo Media Dispensing Pump Systems

Compact pump systems
boost accuracy and efficiency
in dispensing and filling
applications

- Realize increased efficiency and throughput when compared to hand pouring, manually pipetting, or using bottletop style dispensers
- Ideal for microbiology, tissue- and cell-culture labs filling plates, tubes, vials, flasks, or bottles
- Dispense culture media, buffer solutions, diluents, nutrients, additives, and other fluids with accuracy and confidence
- Dispense volumes from 0.1 to 9999 mL at flow rates from 0.16 to 365 mL/min
- Dispense by volume or time—antidrip and speed ramping available in volume dispense mode
- 5" (12.7 cm) capacitive TFT/RGB touch screen puts the intuitive interface at your fingertips
- Flexible operational control via screen, MasterflexLive[®], or analog remote control
- Pump lets you save and retrieve commonly used dispense protocols for rapid setup
- Automatic tubing retention makes tube loading quick and easy

We've combined our Masterflex Ismatec Reglo Miniflex[®] dispensing pump with everything you need to deliver accurate, repeat volumes for dispensing and filling applications. Two complete systems are available—with hands-free foot switch or handheld remote controller.



1-800-637-3739

Masterflex.com



System with foot switch

Hands-free foot switch increases workflow efficiency.

Precision stainless steel nozzle minimizes splashing and dripping.



System with handheld controller

Remotely control basic functions of the pump with handheld controller.

Route tubing through handheld controller and direct fluid into any size container.

At the heart of these systems is the Reglo Miniflex digital pump. This compact pump features flexible operational control via the intuitive touch screen, MasterflexLive®, or analog remote control. MasterflexLive® is a secure, cloud-enabled platform for control and monitoring of Masterflex pumps; get real-time control of all pump parameters including speed, flow rate, dispense volume, and more.

Pump also features a durable ABS and aluminum housing that is easy to wipe down and keep clean. The Miniflex pump head features a wide occlusion angle that prevents fluid backflow up to the rated pressure of the tubing.

These systems also include Masterflex L/S® 25 BioPharm Plus pump tubing. BioPharm Plus tubing offers low spallation, long pumping life, and exceptional flow stability over time—making it ideal for accurate filling and dispensing applications. Tubing is supplied in three 8-ft (2.4 m) lengths.

Specifications

- Flow range: 0.16 to 365 mL/min
- Dispense volume: 0.1 to 9999 mL
- Number of channels: 1
- Speed: 0.1 to 350 rpm
- Speed control (repeatability): ±0.1
- Remote control: speed, direction, and start/stop/prime remotely via 25-pin connector on back of drive
- Reversible motor: Yes
- Enclosure rating: IP31
- Power: 90 to 260 VAC, 50/60 Hz

System Components

Included components	Dispense system with foot switch	Dispense system with handheld remote
Pump (digital drive and Miniflex head)	Yes	Yes
Foot switch	Yes	—
Handheld remote dispenser/controller	—	Yes
Support stand, rod, and clamp	Yes	—
Tube weight, PTFE	Yes	Yes
Nozzle, stainless steel	Yes	—
Tubing, 3 x 8 ft (2.4 m)	Yes	Yes



Description	Catalog number
Media dispensing pump system with foot switch	MK-77922-20
Media dispensing pump system with handheld controller	MK-77922-22

Accessories

[MK-96440-25](#) Additional Masterflex L/S 25 BioPharm Plus tubing, 25 ft (7.6 m)

1-800-637-3739 | 1-847-381-7050

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