

Digital Mini Dispensing Pump Systems

Compact digital pump system boosts efficiency and ergonomics in media dispensing and filling applications

- Complete laboratory pump systems—get up and running out of the box
- Realize increased efficiency and throughput when compared to hand pouring, manually pipetting, or using bottle-top 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 0.11 to 315 mL/min
- Copy dispense function lets you easily set repeat dispense volumes; programmable delay interval pauses pump between cycles
- More than 20% smaller than competitive units—compact size and light weight make it easy to move and share between labs
- Open-head sensor stops the drive when the pump head is opened
- Pump head accepts continuous lengths of tubing for clean flow paths
- Automatic tubing retention makes tube loading quick and easy

Argos mini dispensing pump systems have 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.



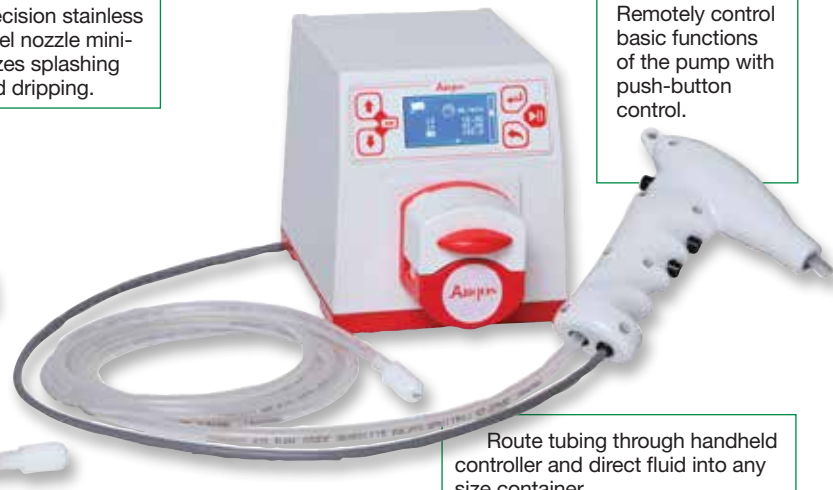
System with foot switch



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 push-button control.

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

At the heart of these systems is the Argos digital mini pump. This compact pump features a durable ABS housing that is easy to wipe down and keep clean. The pump head features a wide occlusion angle that prevents fluid backflow up to the rated pressure of the tubing. Self-lubricating thermoplastic polyester rollers are low friction and long wearing for smooth operation and long life.

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 eight-foot (2.4 m) lengths.

Specifications

Flow range: 0.11 to 315 mL/min

Dispense volume: 0.1 to 9999 mL

Number of channels: 1

Speed: 0.1 to 300 rpm

Speed control (repeatability): $\pm 0.1\%$

Remote control: speed, direction, and start/stop/prime remotely via 25-pin connector on back of drive

Reversible motor: yes

Enclosure rating: IP33

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 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

ISO 9001:2008
CERTIFIED SUPPLIER



Description	Catalog number
Argos digital mini dispensing pump system with foot switch	AR77922-30
Argos digital mini dispensing pump system with handheld controller	AR77922-32

Accessories

AR96440-25 Additional Masterflex L/S 25 BioPharm Plus tubing, 25 ft (7.6 m)