

**MASTERFLEX**<sup>®</sup>  
ISMATEC<sup>®</sup>

# Reglo Digital Pumps

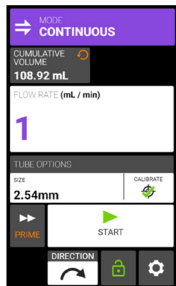


Reglo with Piston Head

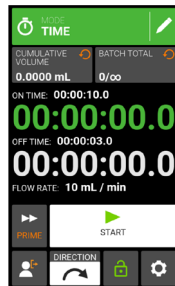
# Powerful performance at a simple touch

Over 100 years of engineering excellence has been built into the NEW Reglo pump, combining the globally tried & tested technology of Masterflex® & the precision engineering of Ismatec®.

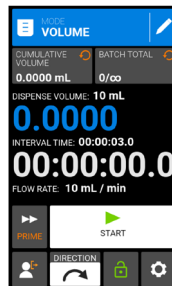
## Reglo Peristaltic Screen Interface Modes



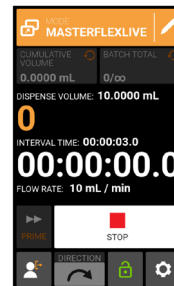
Continuous Mode



Time Mode



Volume Mode



Remote Mode



Calibration Mode

## Versatile single-channel & multichannel pumps for accurate low-flow fluid delivery – with an intuitive touch-screen interface

- Continuous run, volume dispense, & time dispense modes - batch control & interval/off time in volume & time modes
  - Flexible operational control via screen, MasterflexLive, or analogue remote control
- Network connection via standard Ethernet (RJ45) jack on rear of drive or connectivity via WiFi
  - USB connection allows for downloadable firmware updates to be loaded into the pump

# Accurately & securely dispense your valuable samples

## First-of their-kind low-flow Peristaltic Pumps are MasterflexLive enabled for remote control.

MasterflexLive is a secure, Cloud-enabled platform for control & monitoring of Masterflex pumps; get real-time control of all pump parameters. You can monitor & adjust critical processes running 24/7 without the need for onsite personnel, while push notifications alert you to changes in operating conditions & error messages.

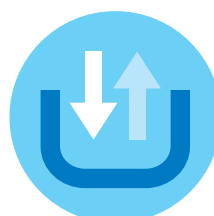
# Control & monitor your pumps remotely with MasterflexLive®



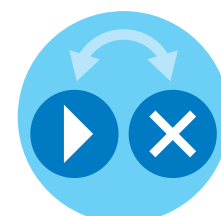
Remote real-time control



Pump status notifications



Set up, save & recall programs



Emergency start & stop

Control & adjust all pump parameters

**Upgrade to Premium** for 21 CFR Part 11 & EU Annex 11 Compliance

\*MasterflexLive is proprietary technology - Patent Pending

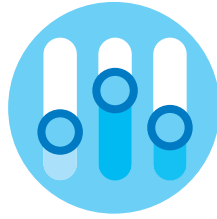
[masterflex.com/masterflexlive](http://masterflex.com/masterflexlive)

# It's a Revolution.



## Intuitive

5" capacitive TFT/RGB touchscreen with a clear, wide viewing angle – adjust parameters with a simple touch.



## Versatile

Packed with advanced technology, the Reglo can dose & dispense 0.0001 to 365-mL per minute.



## Connected

Controlled via MasterflexLive via WiFi or connected to a stand-alone PC.



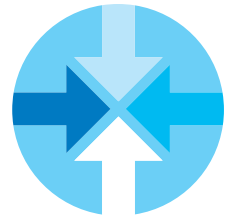
## Secure

Safely upload & share data with other users. Data is time stamped, encrypted, stored & backed up 24/7.



## Compliant

Premium MasterflexLive subscription gives you 21 CFR Part 11 & EU Annex 11 compliance.



## Complete

The Reglo arrives as either a complete single or dual channel Miniflex Pump Head, or multichannel Cassette Head.



## Compact benchtop pumps optimise ease of use, accuracy and reliability

- Anti-drip & speed ramping available in volume dispense mode – ensure accuracy & minimise sample loss
  - Cassette Pump Head models accept 3-stop tubing for easy loading & secure retention
- 3-stop tubing is available in various sizes & formulations that suit your application needs (sold separately)

### Piston Heads

Valveless piston pump heads feature small displacement to provide excellent precision. A single moving part means lower maintenance, minimal clogs, and less drift over time—offering millions of cycles of reliable, repeatable pumping. Heads are fully adjustable from zero to maximum.



## Technical Specifications

Item number	Description	Speed Range (rpm)	Flow Range (mL/min)
<b>Pumps with Piston Pump Heads</b>			
78018-61	Digital Drive / Piston Head (07117-33 (SS/PVDF/carbon; 1/4" inlet) 115/230 VAC	1 to 1800	0.025 to 45
78018-62	Digital Drive / Piston Head (07117-35 (SS/ETFE/carbon; 1/4" inlet), 115/230 VAC	1 to 1800	0.025 to 45
78018-63	Digital Drive / Piston Head (07117-53 (ceramic/ETFE/ceramic; 1/4" inlet), 115/230 VAC	1 to 1800	0.05 to 90
78018-64	Digital Drive / Piston Head (07117-55 (ceramic/PVDF/ceramic; 1/4" inlet), 115/230 VAC	1 to 1800	0.05 to 90
78018-65	Digital Drive / Piston Head (07117-63 (ceramic/ETFE/ceramic; 1/4" inlet), 115/230 VAC	1 to 1800	0.10 to 180
78018-66	Digital Drive / Piston Head (07117-65 (ceramic/PVDF/ceramic; 1/4" inlet), 115/230 VAC	1 to 1800	0.10 to 180

Specification	Description
Speed control accuracy	+/- 0.1%
Resolution	0.1 rpm
Motor	BLDC with encoder
Display	5" capacitive touchscreen, RGB with In-plane switching (wide viewing angle)
Dimensions and weight	229 x 147 x 157 (L x W x H, mm) - 3.2kg 9 x 5.8 x 6.3 (L x W x H, inches) - 7lbs
Rear panel connections	RJ45, 25 pin serial port, USB port, power supply connection

Specification	Description
Digital	RJ-45 Ethernet and WiFi (for MasterflexLive Cloud connectivity), USB (for firmware upgrades)
Power supply	Separate Universal Voltage input 90 to 260V, 24V out 90W max
Enclosure materials	ABS Plastic housing with an aluminum chassis and aluminum bezel
Approvals	CE, RoHS 2; Power supply is UL, cUL
IP rating	IP31
Warranty	2 years

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