



# Cole-Parmer®

## MODULAR TOUCH-SCREEN DISPENSING PUMPS

### INTUITIVE TOUCH SCREEN FOR EASY AND VERSATILE CONTROL



- **Easy to use**—Touch screen displays all operational parameters at a glance
- **Flow rates** from 0.001 to 1500 mL/min
- **Accurate** to  $\pm 0.5\%$
- **Smooth flow**—Small step angle stepping motor virtually eliminates pulsation
- **Versatile**—Bidirectional dispensing by volume or time
- **Programmable**—Set for constant, stepped, ramped, or pulsed flow, or any combination of these
- **Transferable programs**—Easily transferred to a PC or another dispensing pump. Quick access for validation and audits!
- **Masterflex® L/S® pump head**—Reliable pumping and easy tubing changes
- **Preprogrammed**—Controller contains flow ranges for all accepted tubing sizes
- **Calibratable**—Ensure accuracy in dispensing flow
- **Compact**—Place the controller on its side to save valuable work space

## In the US

625 E. Bunker Court  
Vernon Hills, IL 60061  
Call toll-free 800-323-4340  
Phone: 847-549-7600  
Fax: 847-247-2929  
[www.coleparmer.com](http://www.coleparmer.com)

## In Canada

Call toll-free 800-363-5900  
Phone: 514-355-6100  
Fax: 514-355-7119  
[www.coleparmer.ca](http://www.coleparmer.ca)

## In the United Kingdom

Free phone: 0500-345-300  
Call: +44-20-8574-7556  
Fax: 020-8574-7543  
[www.coleparmer.co.uk](http://www.coleparmer.co.uk)

## In India

Phone: 91-22-6716-2222  
Fax: 91-22-6716-2211  
[www.coleparmer.in](http://www.coleparmer.in)

## International customers

Call 847-549-7600 to reach our International Sales Department or contact your local dealer.



**FREE TECHNICAL APPLICATIONS ASSISTANCE!**

## APPLICATIONS

Ideal for fluid transfer, dispensing, and metering applications in laboratory and other low-flow environments including pharmaceutical, food, and beverage, dairy, chemical, manufacturing, and water treatment.

## PERFORMANCE SPECIFICATIONS

Accuracy:  $\pm 0.5\%$

Input/output: RS-485, USB Type B, DB15, mini phone jack

Motor: 1.8° stepper

Motor input power: 30 V, 1.67 A

Dimensions (W x H x D)

Drive: 4 $\frac{3}{8}$ " x 6" x 10" (11.1 x 15.2 x 25.4 cm)

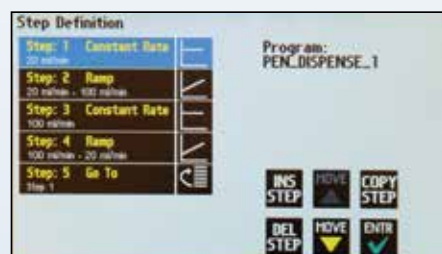
Controller: 9" x 3" x 7 $\frac{3}{4}$ " (22.0 x 7.6 x 19.7 cm)

## WHAT'S INCLUDED:

Easy-Load® II pump head and power adapter with 6-ft (1.8-m) cord with IEC-320/CEE22 socket, with country-specific plug/cord set.



Run screen displays all operational parameters so you can confirm operation and program settings at a glance.



Set up single- or multi-step programs using the intuitive touch-screen.



Current step is highlighted during program operation.



Catalog number	Flow range (mL/min)	Pump head(s) included	Tubing size accepted	Drive speed rating (rpm)	Drive IP rating	Power
<a href="#">MK-07582-00</a>	0.001 to 1500	One L/S Easy-Load® II 77200-60	L/S 13, L/S 14, L/S 16, L/S 25, L/S 17, L/S 18	0.02 to 375	IP33	100 to 240 VAC
<a href="#">MK-07582-10</a>	0.001 to 1250 per channel	Two L/S Easy-Load® II 77200-60	L/S 13, L/S 14, L/S 16, L/S 25, L/S 17, L/S 18	0.02 to 375	IP33	100 to 240 VAC
<a href="#">MK-07582-20</a>	0.001 to 500 per channel	One L/S Easy-Load® II dual-channel 77202-60	L/S 13, L/S 14, L/S 16, L/S 25	0.02 to 375	IP33	100 to 240 VAC

**MK-74906-92 Foot switch** for remote start/stop control