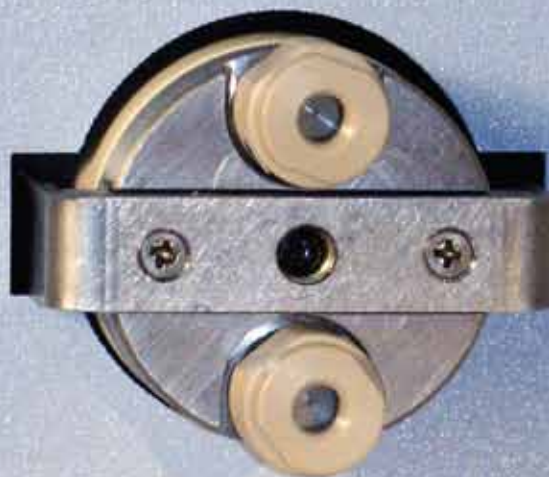


Pickering Laboratories Inert Syringe Pump

Inert Syringe Pump for OEM Applications
with Flow Rates of 30 μL to 1500 $\mu\text{L}/\text{minute}$
and Pressures up to 500 psi.

PICKERING
LABORATORIES



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GUARANTEED CHEMISTRY



Pickering Laboratories Inert Syringe Pump

Inert Syringe Pump for OEM Applications with Flow Rates of 30 μ L to 1500 μ L/minute and Pressures up to 500 psi.

SPECIFICATIONS

CYLINDER

- Single Piece Ceramic
Barrel and Head: 99.9 Alumina
- Volume: 70 mL

COMPLETELY INERT FLOW PATH

- Piston Head: PEEK
- Fluid Fittings: PEEK Nut & Ferrell
- Cylinder: Alumina Ceramic

HIGH TORQUE STEPPER MOTOR

- Step Size: 0.9°
- Amp/Phase: 3.0
- Torque oz.-in.: 188
- Resistance Ohm/Phase: 1.0
- Inductance mH/Phase: 1.6
- Inertia oz.-in²: 2.6
- Weight Lbs: 2.20
- Number of Leads: 6

ELECTRICAL

- 10-120 V, 50/50 Hz 200 W or
- 200-240 V, 50/60 Hz 200 W

PERFORMANCE

- Maximum Operation Pressure 500 psi
- Flow Range: 30 μ L to 1500 μ L/minute
- Flow Rate Accuracy & Precision: \pm 1.0 %
- Refill in 60 Seconds

FEATURES

- Inert Flow Path
- Automatic Piston Wash
- Inert Check Valves
- Vertical or Horizontal Mounting
- Master to Multiple Slave Configuration

EVALUATION KIT INCLUDES

- PC Software & Operations Manual
- Power Supply
- Serial Port Interface

DIMENSIONS

- Length: 15 1/4"
- Width: 3 1/8"
- Height: 5 1/2"
- Weight: 7.5 Lbs

WOULD YOU LIKE A QUOTATION?

General, technical or sales enquiries may be directed as follows:

sales@pickeringlabs.com / support@pickeringlabs.com / www.pickeringlabs.com
800-654-3330 / 650-694-6700 / Fax: 650-968-0749

