

IDS 2000 Industrial Dispenser

For Industrial Process Environments



APPLICATIONS INCLUDE:

- Battery Manufacturing
- Pharmaceutical Production
- Electronic Assembly
- Food Processing
- Precision Lubrication
- Adhesive Dispensing



INTEGRATED SYSTEM INCLUDES:

- FMI's patented CeramPump® Valveless Piston design - **ONE MOVING PART!**
- Dispense or continuous metering
- Fixed or variable speed
- Precision long life stepper motor and controller
- PLC compatible
- Dispense volume: 0.002 to 1.28 cc/shot up to 7 shots/dispense at 0.5% precision
- Rugged stainless steel splash-proof wall mount design

PUMP DRIVE MODULE	PISTON SIZE CODE	MAXIMUM FLOW	DRIVE ONLY PRICE
		MILLILITERS PER DISPENSE	
IDS2000A	RH00	.025	
	RH0	.05	
	Q0	.08	
	RH1	0.1	
	Q1	.32	
	Q2	.72	
	Q3	1.28	

To Order: Specify IDS2000A (\$2500) For Pump Head Module select Piston Size Code (i.e. Q1) & see page 3 for complete Pump Head Module selection codes & prices.

Piston size code is for flow rate information only.

*See general specs on page 4.

SPECIFICATIONS

Modes of Operation: Dispense or Continuous

Strokes per Dispense: Field selectable from 1 to 7 strokes per signal

Drive Speed (RPM):

- 1) Field selectable presets from 10 to 1200 RPM
- 2) Analog 0-5 VDC input control from 6 - 1200 RPM

Mechanical:

Weight: 7.1 lb/3.2 kg
 Size: 11.4" x 5.2" x 4.3"
 (28.98cm x 13.21cm x 10.92cm)
 Enclosure: NEMA 12 type, Stainless steel



Model IDS 2000ARH with CKC RHM

Electrical:

Power Input: 24-32 VDC, 2.0 A minimum

Analog Input: 0-5 VDC

Start Signal: + Side sinking, Opto-Isolated LED Input, 12 - 30V @ 20 mA max Input

Dispense/Run signal: + Side sinking, Opto-Isolated LED Input, 20V @ 20 mA max Input

Dispense Verification: + Side sinking Open collector, 10V Typical @ 20 mA max

Protection: Internal 2.5 Amp replaceable plug in fuse

Temperature: + 20°C to + 60°C

Connection: 6 ft. shielded cable with connector