



# “PiP” Precision Dispensers

## Pipetting, Syringing and Diluting



- Ideal for repetitive and volumetric dispensing of acids, solvents and aqueous solutions.
- Features FMI’s unique low dead-volume pump heads, and synchronous motor drives.
- Can act as a single shot dispenser using the hand/foot switch or as a single metering pump in the continuous mode.
- Using a combination of forward and reverse modes, dilutions can easily be accomplished.

### PiP

#### Dimensions:

5" x 5" x 4" wide  
(127 x 127 x 102mm)

#### Shipping weight:

5 lb (2.25 kg)

#### Electrical:

115 VAC, 60 Hz, 1Ø, .08 amps,  
150, 300, 600 RPM with 3 prong  
power cord.

### PiP Pumps micro π-petter®

MAX. Dispense Rates	Complete Pump Assembly	Price
Microliters / Revolution		
0 - 25 µl	PiP00SKY	
0 - 50 µl	PiP0CKC	
0 - 100 µl	PiP1CKC	



Pump Options
Low Dead-Volume Pump Head (pg 20)
Part Number: -LF
Price:

# “IDS” Industrial Dispensers

## For Industrial Process Environments



- No Valves to clog, hang up or service.
- Drift-Free accuracy better than ± 1 %.
- Dispense or continuous metering.
- Fixed or variable speed.
- 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.
- Quick Run Module ready-to-use interface for IDS2000 Series, (not CE)
- For OEM Dispensers (See page 4 for more info)

Drive	+	Pump Head	=	Complete Pump
Example: IDS2000A	+	Q3CKC	=	

### IDS2000

IDS 2000 shown with the Quick Run Module

#### Dimensions:

11.4" x 5.2" x 4.3"  
(290 x 132 x 109 mm)

#### Shipping weight:

10 lb (4.5 kg)

**Electrical:** Power Input: 24-32 VDC, 2+ amps Drive Speed (RPM). Field selectable presets from 10 to 1200 RPM Analog 0-5 VDC input control from 6 - 1200 RPM Protection: Internal 2.5 Amp replaceable plug in fuse. Connection: 6 ft. shielded cable with connector.

### IDS PDM (PUMP DRIVE MODULE)

MAX. Flow Pressure	Pump Drive Module	Piston Size Code	* Complete Pump
ml /Revolution			
.025 ml	IDS2000ARH	RH00	
.05 ml		RH0	
.10 ml		RH1	
.08 ml	IDS2000A	Q0	
.32 ml		Q1	
.72 ml		Q2	
1.28 ml		Q3	

\*TC, WT & SMTRH pump heads are not included in price of complete Pump

**Quick Run Module** Read-to-Use interface consisting of Power Supply, Foot Switch and Dispense/Continuous Flow Selector for IDS2000

Part Number# 400438

