

# HEAVY-DUTY DIAPHRAGM-TYPE INJECTOR METERING PUMPS

FPUDT1500 Series Starts at

**\$371**



- ✓ Single Intake and Discharge
- ✓ Check Valve Design
- ✓ Quick-Adjusting Feed Mechanism
- ✓ Heavy-Duty Cartridge Pumphead
- ✓ PTFE/EPDM Diaphragm
- ✓ Optional Timer Available
- ✓ Comes with Flow Indicator and 7.5 m (25') of Tubing
- ✓ Can be Wall- or Shelf-Mounted
- ✓ 100% Duty Cycle

The FPUDT1500 Series injector pumps feature a heavy-duty cartridge valve pumphead made of injection-molded polypropylene. The pump consists of double-sealed PVDF cartridge valve fittings, FKM O-ring seals, ceramic ball checks, Hastelloy C valve springs, and a PTFE/EPDM diaphragm. An optional built-in electronic percentage timer allows the user to adjust the feed rate or both the stroke of the diaphragm and the timer. The pump can also be purchased as part of a tank system.



Comes with handy flow indicator. Additional pump accessories available in this section.

FPUDT1503, \$371, shown smaller than actual size.



**MOST POPULAR MODELS HIGHLIGHTED!**

## SPECIFICATIONS

**Output Accuracy:** ±10% of max (water 0 psi, 5' suction lift)  
**Pumphead Material:** Standard polypropylene; acrylic optional  
**Diaphragm Material:** PTFE/EP standard; PTFE/FKM, EP, FKM optional  
**O-Ring Material:** FKM standard; EP, silicone optional  
**Cartridge Body Material:** PVDF  
**Motors:** 14, 30, 45, 60, 125 rpm  
**Voltage:** 115 V/60 Hz; optional 230 V/60 Hz, 220 V/50 Hz, 24 V/60 Hz  
**Dimensions:** 127 H x 140 W x 238 mm D (5.0 x 5.5 x 9.4")  
**Shipping Weight:** 4.5 kg (10 lb)  
**Tube Dimensions:** 3/8" OD, 1/4" ID  
**Max Pressure:** 8.6 bar (125 psig)  
**Max Fluid Temperature:** 54°C (130°F)  
**Max Viscosity:** 1000 centipoise  
**Max Suction Lift:** 3 m (10') water  
**Turndown Ratio:** 20:1

## To Order (Specify Model Number)

Model No.	Price	Max GPD	Max mL/min	Strokes/min	Max psi
FPUDT1501	\$382	6.6	22	14	125
FPUDT1502	382	12.9	34	14	125
FPUDT1503*	371	16.3	46	30	125
FPUDT1504*	371	30	82	30	125
FPUDT1505*	371	26.6	77	45	125
FPUDT1506*	371	49.0	129	45	125
FPUDT1507*	371	31.1	92	60	125
FPUDT1508*	371	57.7	158	60	125
FPUDT1509*	371	68.4	180	125	125
FPUDT1510*	371	119.7	315	125	70

Comes complete with fittings, adaptors, flow indicator, 1.5 m (5') each of polyethylene and vinyl tubing, and operator's manual.

\* Available with built-in stroke and time interval adjustment. To order, add suffix "-D" to model number and \$47 to price.

For 230 V/60 Hz voltage, add suffix "-230V60" to model number and \$10 to price.

For 220 V/50 Hz voltage, add suffix "-220V50" to model number and \$10 to price.

For 24 V/60 Hz voltage, add suffix "-24V60" to model number and \$10 to price.

**Ordering Examples:** FPUDT1506-D, pump with 45 rpm, 49.0 max GPD, 129 max mL/min range and optional timer, \$371 + 47 = \$418. FPUDT1503-230V/60 pump with 45 rpm, 16.3 max GPD, 46 max mL/min range with 230 V/60 Hz, \$371 + 10 = \$381.

Recommended Reference Book: Corrosion Resistance Tables, CM-0902, \$750. See Section Y for Additional Books



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