

HEAVY-DUTY DIAPHRAGM-TYPE INJECTOR METERING PUMPS

FPUDT1500 Series



- ✓ 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.

SPECIFICATIONS

Output Accuracy: ±10% of maximum (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

230V/60 Hz, 220V/50 Hz, 24V/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

Maximum Pressure: 8.6 bar (125 psig)

Maximum Fluid Temperature: 54°C (130°F)

Maximum Viscosity: 1000 centipoise

Maximum Suction Lift: 3 m (10') water

Turndown Ratio: 20:1



To Order

Model No.	Maximum GPD	Maximum mL/min	Strokes/min	Maximum psi
FPUDT1501	6.6	22	14	125
FPUDT1502	12.9	34	14	125
FPUDT1503*	16.3	46	30	125
FPUDT1504*	30	82	30	125
FPUDT1505*	26.6	77	45	125
FPUDT1506*	49.0	129	45	125
FPUDT1507*	31.1	92	60	125
FPUDT1508*	57.7	158	60	125
FPUDT1509*	68.4	180	125	125
FPUDT1510*	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, for additional cost.

For 230 V/60 Hz voltage, add suffix "-230V60" to model number, for additional cost.

For 220 V/50 Hz voltage, add suffix "-220V50" to model number, for additional cost.

For 24 V/60 Hz voltage, add suffix "-24V60" to model number, for additional cost.

Ordering Examples: FPUDT1506-D, pump with 45 rpm, 49.0 max GPD, 129 max mL/min range and optional timer.

FPUDT1503-230V/60 pump with 45 rpm, 16.3 maximum GPD, 46 maximum mL/min range with 230 V/60 Hz.