

DIAPHRAGM-TYPE INJECTION METERING PUMPS

Economy and High-Volume Styles

FPUDT600 Series
Starts at

\$302



- ✓ Simple, Efficient Design
- ✓ Front-Mounted Head
- ✓ Can Run Dry—Up to 790 Gallons per Day
- ✓ Wall-Mount Style

FPUDT600 Series injector pumps offer simple, efficient design. Moving parts are kept to a minimum, making them practically maintenance free. The pumps feature a front-mounted head and easy-to-use, side-mounted, cam-type diaphragm stroke adjustment (for feed rate control). FPUDT600 Series metering pumps come with a standard polypropylene pumphead and 115 V/60 Hz motor.

FPUDT3000 Series injector pumps have a large pumphead and valves that allow large volumes of liquid to be pumped. These are excellent transfer pumps, but, unlike most transfer pumps, they have a side-mounted cam-type feed controller and can be run dry without damage to the pump. Both pumps are supplied with an accessory kit package.

SPECIFICATIONS

Output Accuracy: $\pm 10\%$ of maximum [water at 21°C (70°F) 0 psi and 1.5 m (5') suction lift]

Max Fluid Temperature: 54°C (130°F)

Max Viscosity: 1000 centipoise

Turndown Ratio: 27:1

Pumphead Material:

FPUDT600: Molded polypropylene

FPUDT3000: Acrylic

Diaphragm Material:

FPUDT600: EP/PTFE

FPUDT3000: EP

O-Ring Material:

FPUDT600: FKM standard

FPUDT3000: Ethylene propylene std.

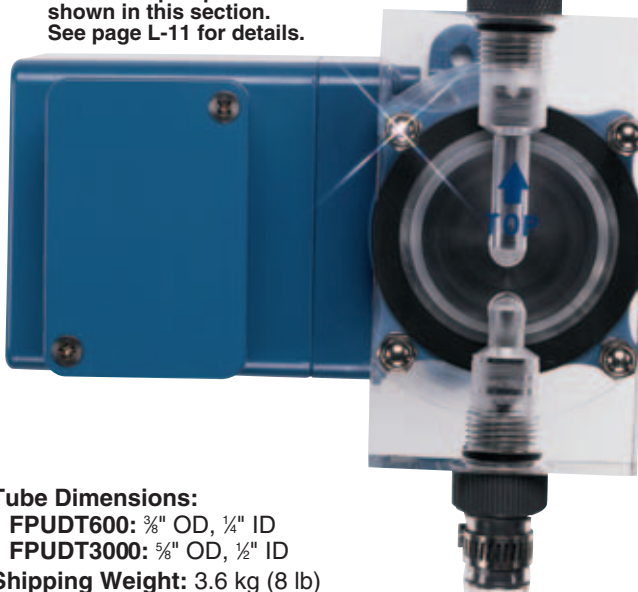
Power: 115V, 60 Hz 45 Watts; optional 230V/60 Hz, 220 V/50 Hz, 45 Watts, 24V/60 Hz, 12 Vdc, 3A

Dimensions:

FPUDT600: 168 H x 180 W x 140 mm D (6½ x 8¾ x 5½")

FPUDT3000: 203 H x 178 W x 165 mm D (8 x 7 x 6½")

Additional pump accessories shown in this section. See page L-11 for details.



FPUDT605, \$332, shown smaller than actual size.

FPUDT3001, \$417, shown smaller than actual size.

Tube Dimensions:

FPUDT600: ⅝" OD, ¼" ID

FPUDT3000: ⅝" OD, ½" ID

Shipping Weight: 3.6 kg (8 lb)

MOST POPULAR MODELS HIGHLIGHTED!

| To Order (Specify Model Number) | | | | | |
|--|-------|---------|------------|-------------|---------------|
| Model No. | Price | Max GPD | Max mL/Min | Strokes/Min | Max bar (psi) |
| FPUDT600 Economy Style for ¼" ID, ⅝" OD Tubing | | | | | |
| FPUDT601 | \$302 | 24.0 | 64 | 14 | 6.9 (100) |
| FPUDT602 | 305 | 57.6 | 155 | 30 | 6.9 (100) |
| FPUDT603 | 325 | 91.2 | 240 | 45 | 5.5 (80) |
| FPUDT604 | 325 | 110.4 | 290 | 60 | 4 (60) |
| FPUDT605 | 332 | 237.6 | 625 | 125 | 2 (30) |
| FPUDT606 | 339 | 439.2 | 1160 | 250 | 0.7 (10) |
| FPUDT3000 High Volume Style for ½" ID, ⅝" OD Tubing | | | | | |
| FPUDT3001 | \$417 | 189 | 498 | 60 | 1.4 (20) |
| FPUDT3002 | 433 | 398 | 1047 | 125 | 0.7 (10) |
| FPUDT3003 | 432 | 792 | 2081 | 250 | 0.3 (5) |

Comes complete with fittings, adaptors and operator's manual.

For 230 V/60 Hz voltage, add suffix "-230V60" to model number and \$18.

For 220 V/50 Hz voltage, add suffix "-220V50" to model number and \$20. Has 20% lower feed rate.

For 24 V/60 Hz voltage, add suffix "-24V60" to model number and \$23.

For 12 Vdc voltage, add suffix "-12V" to model number and \$56.

For timer option, add suffix "-T" to model number and \$122.

Ordering Examples: FPUDT605, pump with 125 strokes/min, 237.6 max GPD, 625 max mL/min range, \$332.

FPUDT3001, pump with 189 GPD (498 ml/min) range, \$417.

Recommended Reference Book: Systematic Methods
of Chemical Process Design,
CM-4441, \$112. See Section Y for Additional Books



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