

FIELD Environmental Instruments

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QED

Sample Pro Mini Bladder Pump

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The all-new Sample Pro Portable MicroPurge Pump is the first pump developed specifically to bring the advantages of low-flow sampling to sites requiring portable pumps. The Sample Pro Pump is not only able to deliver consistent low-flow rates, it's easy to disassemble.

Sample Pro reliability and low maintenance make it more economical. Its bayonet-type twist open design makes it easy to change the pull-off, disposable bladder in seconds. The compact 14.75" unit fits in a pail for pumping and cleaning.

Sample Pro innovations don't stop there. The pump is available with conventional compression fittings for tubing connections, or with a "no fitting" push-in head that's perfect for applications where the tubing is discarded frequently.

Sample Pro value and rugged, all-stainless construction will stand up to tough portable use. The simple yet effective design avoids the high maintenance expenses and destructive failure modes of other pumps. Without tools, simple to clean, and truly field rugged.

SPECIFICATIONS

MATERIALS

Body: 316 Stainless Steel

Inlet & Discharge Housing: 303 Stainless Steel

Bladder: Polyethylene or Teflon®

O-rings: Viton® Teflon is a trademark E. I. DuPont Co. Viton is a trademark of DuPont Dow Elastomers

DIMENSIONS

Diameter: 1.75" (44.5mm)

Length: 14.75" (37.5 cm) w/ Push-in Fittings;

16.5" (41.9 cm) w/ Compression Fittings;

12.12" (30.8 cm) Bottom of pump to centerline of inlet

Weight: 4.25 lbs. (1.93 kg)

FITTINGS

Stainless Steel Compression or Push-In Type Air: 1/4" (6.4 mm) O.D., 3/16" (4.7 mm) I.D.

Discharge: 1/4" (6.4 mm) O.D., 1/4" (6.4 mm) I.D.

Maximum Lift: 250 Feet (76 m)

Flow Rates: [1/4"(6.4mm) x 1/4" (6.4 mm) O.D. Tubing]

1.2 liters/min @ 25 ft. (7.6 m) [10 ft. (3 m) submergence]

400 ml/min. @ 150 ft. (45.6 m) [10 ft. (3 m) submergence]

Pump Volume: Milliliters Liters Gallons Ounces 100 .100 .026 3.34

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