

AcuFlow

S1000 SPECIFICATIONS

Specification	Measurement
Flow Capacity Adjustment	0-100% while the pump is running or stopped
Turndown Ratio	Stroke Length 10:1 Stroke Frequency 10:1 Combined 100:1
Metering Accuracy	Steady State: +/- 1% Linearity: +/- 1% Combined: +/- 1%
Max. Process Fluid Temp.	Custom engineered metallic liquid end: 500°F Metallic liquid end/PTFE diaphragm: 250°F (121°C) Plastic Head: 140°F (60°C)
Plunger Stroke Length	0.75
Hydraulic Oil Capacity	2qts (simplex) 3qts (duplex)
Displacement Per Stroke (by plunger size)	3/8" 0.0828 cu. in. (1.35 ml) 9/16" 0.1864 cu. in. (3.50 ml) 3/4" 0.3313 cu. in. (5.43 ml) 7/8" 0.4510 cu. in. (7.40 ml) 1-1/8" 0.7872 cu. in. (12.9 ml) 1-5/8" 1.51 cu. in. (24.71 ml)
Liquid End Material Options	316 SS, Alloy 20, Hastelloy C, PVC, PVDF and PTFE

