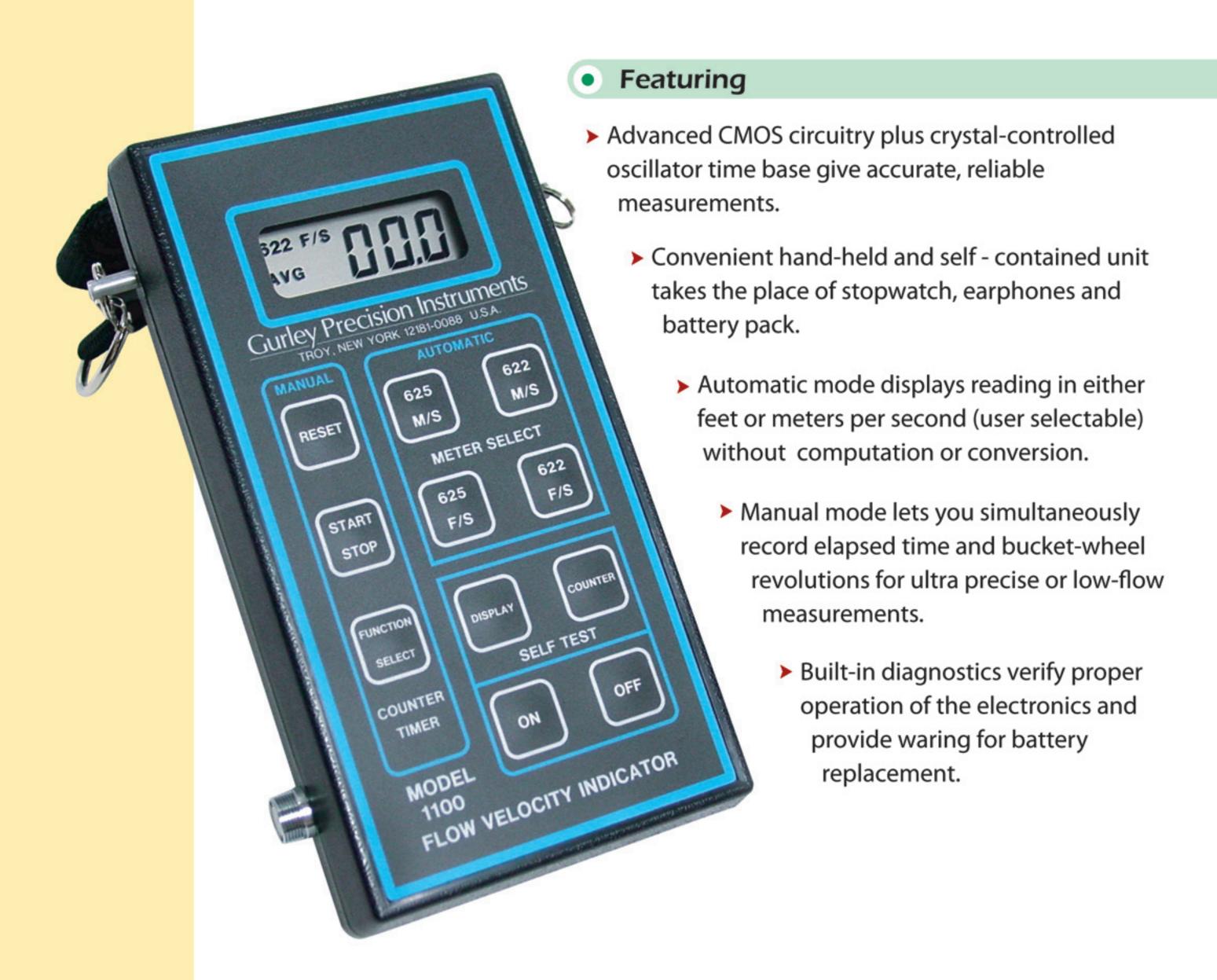




Model 1100 Digital Velocity Indicator

Direct digital display of flow velocities from any U.S. Geological Survey Price or Pygmy type current meter.





THE MODEL 1100

Flow Indicator contains CMOS circuitry to convert opto-electrical pulses from the meter to direct display of flow velocity.

The unit offers three user-selectable modes.

- ➤ **Automatic**, for 4-second sampling time, with readout in either feet or meters per second.
- ➤ Automatic averaging, with velocity averaged over a 16-second period, for especially turbulent flows.
- ➤ Manual, for independent measurement of both elapsed time and bucket wheel revolutions. Use a standard Price rating table to determine exact velocity from these data.



Specifications	
Operating range	0 ~ 25 fps (0~ 7.6 mps)
Resolution, automatic mode	Price : 0.2 fps (0.06 mps) Pygmy : 0.1 fps (0.03 mps)
Sample time - automatic mode - averageing mode	4 seconds 16 seconds
Dimensions	7.5 x 4.0 x 1.3 inches 19.1 x 10.2 x 3.3cm
Weight, including battery	15 ounces (425 grams)
Power	One 9-volt battery, type 1604
Battery life, approx.	Lithium, 250 hours Alkaline (supplied), 100 hours Carbon-zinc, 20 hours
Circuitry	CMOS (microprocessor based)
Timing	Crystal-controlled oscillator (max. error 0.003%)



