

Rental – Water Velocity Meter

SonTek FlowTracker

Designed with the field user in mind, this handheld ADV® (Acoustic Doppler Velocimeter) measures currents, attaches easily to wading rods, and features an automatic discharge computation using a variety of international methods, including ISO and USGS standards. At the end of the data run, just press a button and the FlowTracker calculates the discharge for you! With rugged construction for any climate and a backlit display easily read during both day and night, the FlowTracker goes wherever you need it to go.

FEATURES

- Multi-language instrument and software (English, Spanish, French, Italian, and German)
- Proven velocity precision - accurate to as low as 0.001 m/s (0.003 ft/s) and up to 4.0 m/s (13 ft/s)
- Automatic discharge calculation - International techniques, including ISO and USGS standards
- Record changing gauge heights and rated flows, with comments in each measurement
- Automatic discharge uncertainty calculation to ISO standard. A FlowTracker First!
- Measure velocities in water as shallow as 2 cm (less than an 1 inch)
- Keypad interface with real-time velocity and flow display
- Automatic quality control for accurate data collection
- Two dimensional velocity measurement
- Recorded data is shielded from power loss
- Lightweight, rugged, and waterproof
- No calibration required - ever!
- Built-in temperature sensor



APPLICATIONS

The FlowTracker will measure the following day or night:

- Natural Streams
- Mining Channels
- Weirs/Flumes
- Open Channels
- Irrigation Canals
- Water Treatment
- Storm Water
- Lakes

OPTIONS

- 2-D ADV side-looking probe
- 3m flexible cable
- Deluxe SonTek two piece, top-setting wading rod kit (1.2m Metric or 4 ft English) including case and mounting brackets
- Wading rod mounting bracket for controller/keypad
- Offset mounting bracket for ADV probe

SPECIFICATIONS

Velocity range	±0.001 to 4.0 m/s (±0.003 to 13 ft/s)
Velocity resolution	0.0001 m/s
Velocity accuracy	±1% of measured velocity, ±0.25 cm/s
Sampling volume location	10 cm from center transducer
Power supply	8 AA batteries
Typical battery life	25+ hours continuous operation (alkaline batteries)
Weight	1.8 kg/4.0 lbs
Probe width	130 mm (5.1 inches)
Handheld controller/keypad	temporarily submersible to 1m
Operating temperature	20° to 50° C
Storage temperature	-20° to 50° C

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.
 2650 East 40th Avenue • Denver, Colorado 80205
 (303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242
 email: sales@geotechenv.com website: www.geotechenv.com