

AquaCalc Pro Plus Specifications

The AquaCalc Pro Plus includes:

- AquaCalc DataLink Software
- Rechargeable NiMh AA batteries
- USB Communications and Charging Cable
- Current Meter Cable
- Wading Rod Mount
- Protective Hard Carry Case
- A 1 year limited warranty



Operational Characteristics

- 5 x 5 Membrane switch keypad
- 2.6" x 2.6" graphical display (128 x 128 pixels)
- User selectable audible tone on key press
- User selectable audible tone on meter rotation
- Storage of up to 30 separate streams in flash memory
- Operating system upgrades via DataLink and the Internet
- Operation with mechanical, electronic and optical meters
- Timing Accuracy 0.005%
- ASCII standard data transfers

Physical Characteristics

Water resistant ABS enclosure (IP-65 specification) with protective display lens

Dimensions: 3.9" X 7.7" X 1.5"

Weight: 1.1 lbs.

Operating Temperature:
-15°C to 50°C

Section Storage Capabilities

- 30 - Cross-sections with
- Up to 60 verticals/ subsections per Cross-Section.
- Up to 3 observations / measurements per vertical. (0.2/0.6/0.8)

Measurement Limits

	Min.	Max.	Units
Subsection Depth	0.00	999.99	Feet (Meters)
Subsection Width	0.02	9,999.99	Feet (Meters)
Subsection Area	0.00	999,999.99	Square Feet (Square Meters)
Subsection Flow	0.000	999,999.99	Cubic Feet (Cubic Meters)
Section Width	0.03	99,999.99	Feet (Meters)
Section Area	0.0	99,999,999.99	Square Feet (Square Meters)
Section Flow	0.000	99,999,999.99	Cubic Feet (Cubic Meters)
Velocities	0.1	>20	Feet per Second

Hardware Compatibility

Compatible Meters:

- Magnetic Switch Type A, reed switches
- Optical (Swoffer, Gurley, Ott & USGS),
- JBSI Digital Pygmy Magnetic Sensor and
- All Cat Whisker contacts

Storage capacity for 10 meters in memory, pre-loaded with default standard specifications. Meter specifications can be customized by user.

System Information

CPU	Intel 87C51
Flash Database Memory	128 KBytes
Flash Program Memory	256 KBytes
SRAM Operating Memory	32 KBytes
Stop Watch Timer Accuracy	0.005%
Power Supply	4 AA NiMh batteries
Main Battery Life	12 hours at 20°C
Operating current	55 mA
Real Time Clock with separate 5-year Battery	
USB communications using virtual serial port protocol	