

HANDHELD METER

FIELD READINGS & CALIBRATION



Portable, stand-alone readings and calibration for AquaRealTime sensors and sondes

WHAT IT IS

The ART-HH1 is a portable, battery-powered meter for taking real-time water quality readings and calibrating AquaRealTime sensors in the field. It powers the connected sensor or sonde and shows live readings on a backlit display. It works entirely on its own, with no internet or telemetry connection, and stores readings for later review. Available in two models: one for individual sensors and one for the complete sonde.

KEY FEATURES

- Powers the connected sensor or sonde
- Backlit display of real-time readings
- Stores readings on the meter
- Stand-alone: no internet or telemetry connection
- USB rechargeable, with replaceable batteries
- Custom cable lengths available for deeper profiling
- Shows depth when a depth sensor is connected

TWO MODELS: SINGLE SENSORS OR THE COMPLETE SONDE

ART-HH1-SI | Individual Sensors

- Connects to one sensor at a time: a single sensor (such as the ART-ODO1-B or ART-UV254-H/L) or an individual TrackerSonde probe
- **Required for calibration:** each sensor is calibrated on its own (placing a whole sonde in multiple calibration solutions is inconvenient; calibrating each probe individually is simpler).

ART-HH1-SO | Complete Sonde

- Connects to the ART-MPS1 TrackerSonde
- Reads all installed probes at once, up to 6 sensors
- Ideal for vertical profiling and multi-parameter spot checks
- For calibration, use the ART-HH1-SI

SPECIFICATIONS

Display	Backlit
Data storage	On-meter
Connectivity	None (stand-alone)
Batteries	18650 lithium-ion, replaceable
Charging	USB, about 8 hours (meter off)
Auto turn-off	After 5 minutes

Operating temperature	-10 to 50 °C
Water rating	Water resistant, not for submersion
Weight	185 g
Dimensions	150 x 70 x 30 mm
Cable	Custom lengths available

USE CASES

Vertical profiling

Lower the sonde through the water column to see how conditions change with depth.

Spot checks

Take quick readings at any site, with no telemetry needed.

Sensor calibration

Calibrate each sensor individually with a small volume of solution.

Verification & site surveys

Check buoy readings in the field and survey sites before deployment.