

Aquaprobe

Aquameter

Software

Aquaread™ AP900

The new hand held meter from Aquaread Ltd is the most sophisticated, yet easy to use multi parameter water quality test system. The reader is rugged, waterproof and small enough to fit in the palm of your hand. Aquaprobe™, are available in various models capable of monitoring up to 10 parameters.

Benefits

- Easy calibration
- Hand-held, lightweight and rugged
- Long-term Data logging
- Easily attached, lengths up to 100m deployment
- Fast (1 second) onsite response
- Aqualink™ Software compatible with Google Earth maps

Features

- IP67 rated meter
- Narrow 42mm diameter
- Upto 10 parameters displayed
- Probe is marine grade aluminium
- Flow cell option for low flow ground water sampling
- GPS location and ID stamping
- Hard carry case available for added protection

Applications

- PPC permitting
- Landfill
- Rivers
- Groundwater sampling
- Brownfield



Technical Specifications

Aquaread™ AP900

METER

| | |
|------------------------|--|
| Dimensions (W x H x D) | 90mm x 180mm x 39mm (3.5" x 7" x 1.5") |
| Weight | 450g (15.9oz) |
| Data Memory | 1900 full sets including G LP data |
| Battery Life | Alkaline > 20 hours. Ni-MH > 40 hours |
| Operating Temperature | -20°C to +70°C |
| Protection Class | IP67 |

PROBES

| | | |
|---------------------------|---------------|--|
| Turbidity | Range | 0-1000 NTU |
| | Resolution | 2 Auto-range scales: 0.0-99.9 NTU, 100-1000 NTU |
| | Repeatability | ± 2% of auto-ranged scale |
| Optical Dissolved Oxygen | Range | 0-500% / 0-50.00mg/L |
| | Resolution | 0.1% / 0.01mg/L |
| | Accuracy | 0-200% ± 1% of reading, 200% - 500% ±10% of reading |
| Conductivity | Range | 0-200mS/cm (200,000µS/cm) |
| | Resolution | 3 Auto-range scales: 0-9999µS/ cm, 10.00 - 99.99mS/ cm |
| | Accuracy | ± 1% of reading or ± 1µS/ cm if greater |
| TDS | Range | 0-1000,000mg/L (ppm) |
| | Resolution | 2 Auto-range scales: 0-9999 mg/L, 10.00-100.00g/L |
| | Accuracy | ± 1% of reading or ± 1 mg/L if greater |
| Resistivity | Range | 5Ω·cm - 1 MΩ·cm |
| | Resolution | 2 Auto-range scales: 5 - 9999Ω·cm, 10.0 - 1000.0KΩ·cm |
| | Accuracy | ± 1% of reading or ± 1Ω·cm if greater |
| Salinity | Range | 0-70 PSU / 0 - 70 ppt (g/Kg) |
| | Resolution | 0.01 PSU / 0.01 ppt |
| | Accuracy | ± 1% of reading or ± 0.1 unit if greater |
| Seawater Specific Gravity | Range | 0 - 50 σ _t |
| | Resolution | 0.1 σ _t |
| | Accuracy | ± 1.0 σ _t |
| pH | Range | 0 - 14 pH/ ± 625mV |
| | Resolution | 0.01 pH/ ± 0.1mV |
| | Accuracy | ± 0.01 pH/ ± 0.5mV |
| ORP | Range | ± 2000mV |
| | Resolution | 0.1mV |
| | Accuracy | ± 0.5mV |
| Temperature | Range | -5°C - +50°C (23°F - 122°F) |
| | Resolution | 0.1°C/F |
| | Accuracy | ± 0.5°C |



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