



GROUNDWATER DATA LOGGING | LAND FILL LEACHATE LEVELS | DRAWDOWN TESTS

The Dipper Log offers easy and remote data logging of water level and temperature at preset intervals inside boreholes and open bodies of water, available in 10m, 30m, 60m and 120m pressure ranges.

Now available with the optional Tap'N'Tell digital display for a visual check of level and temperature at any point in time.



FEATURES

- 10m, 30m, 60m and 120m reading ranges
- High memory capacity- 32,000 readings
- Fast response time-10 readings per second
- Quick and easy download: 32,000 data sets in 90 seconds
- Automatic compensation for barometric pressure
- Windows 95, 98, ME, 2000, XP, Vista, & 7 compatible
- Battery life 7 years based on 5 minute reading intervals

BENEFITS

- Wide range of sampling intervals
- Remote data acquisition
- Easy to understand readings
- Save monitoring time and cost
- Ideal for variety of depths
- Economical and compact

SECTOR

- Groundwater
- Land remediation

APPLICATIONS

- Groundwater level and temperature monitoring
- Landfill leachate levels
- Site investigation
- Wetland
- Tidal studies



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TECHNICAL SPECIFICATIONS

Optional Tap'N'Tell display for instant visual readings on the well

DEPTH RANGES			
Dipper log type	Maximum height of water column	Accuracy (typical) +/-	Resolution +/-
A	Barometric	0.05% FS	0.024% FS
B	35 ft / 10 m	0.05% FS	0.024% FS
C	100 ft / 30 m	0.05% FS	0.024% FS
D	200 ft / 60 m	0.05% FS	0.024% FS
E	400 ft / 120 m	0.05% FS	0.024% FS

SPECIFICATIONS	
Transducer	Piezoresistive silicon 316LSS
Ranges	Minimum 35 ft / 10 m, maximum 400 ft / 120 m
Accuracy (typical)	0.05% net FS
Accuracy (maximum error)	0.10% net FS
Resolution	0.024% net FS
Temperature sensor	IC temperature sensor
Temperature accuracy	± 0.5°C
Resolution	0.0625°C
Transducer temperature compensation range	-20°C to +85°C
Temperature response time	10 seconds
Battery life	10 years (usage dependant)
Clock accuracy	± 1 minute per month
Operating temperature	-20°C to 80°C
Memory	Non-volatile eeprom
Maximum number of readings	32,000 sets between downloads
Communication	USB, RS232
Size	8.5" (215 mm) c 0.75" (20 mm)
Weight	246g
Variable sampling mode	10 readings per second; 1 second to 255 hours
Wetted materials	Stainless steel, viton, acetal copolymer (Delrin)

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