



Groundwater data logging  
Landfill leachate levels  
Drawdown tests

## Simple groundwater level monitoring

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.

### 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

### 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
- Automatic compensation for barometric pressure
- Windows 95, 98, ME, 2000, XP, Vista, & 7 compatible

### Applications

- Groundwater level and temperature monitoring
- Landfill leachate levels
- Site investigation



# Dipper log



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

## Technical Specifications

| Dipper Log                                |   |                        |                |
|---|---|------------------------|----------------|
| 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                        |                        |                |