
WATER LEVEL INDICATOR

Model CPR

APPLICATIONS

The CPR Water Level Indicator is used for measuring the depth of water in boreholes, standpipes and wells. The water level indicator offers an accurate and quick read-out of water depth.

DESCRIPTION

The CPR is a light and compact unit. It consists of a tape reel, a graduated tape, a control panel and a probe. Visual and audible signals are emitted when the probe comes in contact with water.

Control panel

All models are supplied with a control panel having a full complement of standard accessories. The indicator light provides a clear visual signal when the probe contacts water. The on/off sensitivity switch ensures optimum battery life and allows the operator to compensate for variations in the conductivity of saline or contaminated water.

Probe

The probe is specifically designed for either static or water well drawdown measurements. The brass electrode is recessed within a fluted tip to prevent the indicator from sounding prior to contact with the static or pumping water level. A convenient holder is mounted on the reel stand for probe storage.

Tape

The flat tape is supplied with standard stainless steel conductors. Two types are available:

- The EVAT model, which is an extruded black EVA plastic tape with permanent hot stamped graduations.
- The PCST model, which is an epoxy coated steel tape covered with an extruded transparent polyethylene jacket.



FEATURES

- Robust, light and easy to use
- 1 mm, 0.01 ft or 1 ft graduations
- Sensitivity control adjustable to fit water conductivity
- Battery test button
- Audible signal and indicator light
- Powered by 9-volt alkaline battery
- Smooth tapered probe design
- Permanent tape graduations
- Lightweight tape reel with brake

SPECIFICATIONS

STANDARD PROBE

Diameter	11 mm	
Length	175 mm	
Construction	Stainless steel, nylon and brass	
Weight	0.110 kg	
REEL	SMALL	LARGE
Height	318 mm	355 mm
Width	263 mm	300 mm
Depth	200 mm	190 mm
Capacity	100 m (300 ft)	150 m (500 ft)
Weight (empty)	1.62 kg	2.72 kg
GRADUATED TAPE	EVAT	PCST
Material	Ethyl vinyl acetate tape	Epoxy coated steel tape with medium density polyethylene jacket
Width	6.5 mm	11 mm
Weight	0.025 kg/m	0.030 kg/m

METRIC GRADUATIONS

Model Number	Tape Model	Tape Length	Graduation
CPR6-30PM	PCST	30 m	Every mm
CPR6-100PM	PCST	100 m	Every mm
CPR6-150PM	PCST	150 m	Every mm

IMPERIAL GRADUATIONS

Model Number	Tape Model	Tape Length	Graduation
CPR6-100F	EVAT	100 ft	Every foot
CPR6-300F	EVAT	300 ft	Every foot
CPR6-500F	EVAT	500 ft	Every foot
CPR6-100PF	PCST	100 ft	Every 0.01 ft
CPR6-300PF	PCST	300 ft	Every 0.01 ft
CPR6-500PF	PCST	500 ft	Every 0.01 ft

ACCESSORIES

- Padded vinyl carrying case
- Replacement tips and/or tapes