



## **WATER LEVEL INDICATORS (WLI)**

Dipmeters are used for water ground level measurements in standpipes, wells and Casagrande piezometers.

It is a battery powered portable device equipped with a dipping probe connected to a graduated cable wrapped on a cable reel.

In contact with water the dipping probe activates either an audible alarm and a light indicator mounted on a cable reel faceplate.

C112T version is equipped with a dipping probe for temperature measurement too. LCD on faceplate displays the temperature value directly in °C.

Easy to obtain water level measurements

Long life, inexpensive and Compact

Rugged free standing reel

Corrosion proof components

Permanent and accurate cable markings

Small size probe for small tubings

# WATER LEVEL INDICATORS (WLI)

## ACCESSORIES AND SPARE PARTS

<b>OC1REFH0800</b>	Cable guide and datum. It ensures easy and consistent measurements
<b>OC111KITR00</b>	Dipping probe spare set including probe components, weights and resin for C111
<b>OC112KITR00</b>	Dipping probe spare set including probe components and resin for C112
<b>OC112TKITR0</b>	Dipping probe spare set including probe components and resin for C112T
<b>OC11RL10000/OC11TRL10000</b>	Cable reel (capacity up to 100m) with electronic board assembly
<b>OC11RL20000/OC11TRL20000</b>	Cable reel (capacity up to 200m) with electronic board assembly
<b>OC11RL50000/OC11TRL50000</b>	Cable reel (capacity up to 500m) with electronic board assembly
<b>OC110WLIC00</b>	WLI electronic assembly consisting of reel faceplate, electric circuit, light, buzzer and battery box
<b>OC11TWLIC00</b>	WLI electronic assembly consisting of reel faceplate, LCD electric circuit, light, buzzer and battery box

## TECHNICAL SPECIFICATIONS

Sisgeo produces two models of water level indicators with cable having metric graduations:

- model **C111 round coaxial cable with markings every meter**
- model **C112 flat cable with markings every millimeter.**

On the faceplate of each reel there are a green light, a battery box and a winding handle and on the back plate there is a brake. A rubber sleeve fixed on the reel frame is used to protect the probe.

MODEL	C111	C112	C112T
<b>PROBE</b>			
Diameter	10 mm	12 mm	12 mm
Length	110 mm	120 mm	120 mm
Material	Stainless steel	Stainless steel and ABS	
Weights	Chrome plated brass O.D. 10 mm	Zn-Al alloy O.D. 12 mm	
<b>CABLE</b>			
Type	round coaxial	tempered steel tape with nylon jacket	
Graduation	every m	every mm	every mm
ECC accuracy standard	-	class II	class II
Colour	black with white marks	yellow with white marks	
Diameter/width	4 mm	10 mm	10 mm
<b>REEL</b>			
Diameters	260, 320, 420 mm		
Material	heavy plastic plates and steel tubing stand, baked-on paint		
<b>BATTERY</b>			
9 V DC disposal			



**C112T water level indicator uses a probe designed for water temperature measurement too. On the cable reel faceplate there are 3.5 LCD, on/off and level/temp switches.**

Temp. sensor	IC 590 KH
Temp. range	-55°C +80°C
Resolution	0.1°C
Accuracy	< 0.5°C
Operating time	about 20 hours

## STAFF GAUGES (PRODUCT CODE OHIDR100000)

Staff gauges are used to make direct readings of the water level in reservoirs, rivers and open channels. Staff gauges consists of 1 meter long porcelain enameled hydrometric rod with centimeter graduation.

Figure plates indicating the elevation are installed every meter. The rods can be assembled each other to obtain a staff gauge of the required length to cover the maximum water level range.

### TECHNICAL SPECIFICATIONS

Material	enamelled porcelain steel
Length	available upon request (assembling 1 m rod)
Width	150 mm
Figure plate dim.	130x100 mm

