

# Elcometer 213/2 Digital Waterproof Thermometer



Elcometer 213/2

The Elcometer 213 Digital waterproof thermometer has been specifically designed for superior durability and ease of use.

With an extruded aluminium case which is waterproof to IP66 & IP67 and a range of interchangeable probes, the Elcometer 213/2 offers a versatile instrument for measuring surface and liquid temperatures.

Features of the Elcometer 213/2 Digital Thermometer include:

- **Temperature probes:**  
 Magnetic Surface Probe, Surface Probe, Liquid Probe and Needle Probe.
- **Durable and waterproof case:**  
 Made from extruded aluminium for superior durability. The case is waterproof, offering IP66/67 protection.
- **Switchable units:**  
 °C / °F switchable.
- **Quick response time:**  
 Readings are displayed on the LCD screen within 1 second (approximately).

### Climatic Condition Testing

During the application of a coating, the presence of moisture in the environment, or on the work surface, often results in a poor quality finish. Problems such as poor adhesion of the coating, delayed drying time or premature corrosion of the substrate can occur.

Before proceeding, it is essential that the air temperature and relative humidity (RH) are measured to calculate the dewpoint. The difference between this and the surface temperature is displayed as ΔT, with a warning if necessary.

### At a glance:

Easy to use digital thermometer

Can be used to measure surface, liquid or soft material temperatures

IP66/67 waterproof case

<b>Accuracy</b>	±1% of the reading ± 1 digit
<b>Resolution</b>	0.1°C (0.1°F) up to +299.9°C (+ 599.9°F) 1°C (1°F) above +299.9°C (+ 599.9°F)
<b>Power Supply</b>	1 x MN1604/PP3 (9V) Battery
<b>Battery Life</b>	5,000 hours
<b>Operating Range</b>	-49°C to 1372°C (-56°F to 2500°F) <sup>†</sup>
<b>Display</b>	12mm LCD Display
<b>Dimensions</b>	35 x 60 x 115mm (1.4" x 2.4" x 4.5")
<b>Weight</b>	194g (0.42lb)
<b>Packing List</b>	Elcometer 213/2 Digital Thermometer with battery fitted and operating instructions <i>Probes are not supplied as standard with the Elcometer 213/2. Please select the required probe from the list below.</i>
<b>Part Number</b>	<b>G213----2</b>

<sup>†</sup> Operating range is dependant on probe used

PROBES		
Part Number	Description	Range
T99911728	Magnetic Surface Probe; 1mm (0.51") Diameter	-50 to 150°C (-58 to 302°F)
T2136069-	Surface Probe; 130 x 4.2mm (5.11 x 0.17") Diameter	-50 to 600°C (-58 to 1112°F)
T9996390-	Liquid Probe; 130 x 3mm (5.11 x 0.12") Diameter	-200 to 1100°C (-328 to 2012°F)
T2136391-	Needle Probe; 130 x 3mm (5.11 x 0.12") Diameter	-50 to 400°C (-58 to 752°F)

Other probes are available on request. Contact Elcometer for further information.

## Related products



Elcometer 319

### Elcometer 319 Dewpoint Meter

Available in two models, Standard and Top, the Elcometer 319 has been specifically designed to measure and record all relevant climatic parameters required to determine whether conditions are suitable for painting. It's rugged and ergonomic design is dustproof and waterproof equivalent to IP66 and incorporates fully sealed, durable sensors.

The Elcometer 319 Top has a large inbuilt memory to accurately record each measurement, storing up to 25,000 sets of readings in 999 batches. It also offers USB data output and *Bluetooth*<sup>®</sup> wireless technology for cable free data transfer.



Elcometer Inspection Kits

### Elcometer Inspection Kits

Site inspection requires a range of portable testing equipment. In order to make these products easily available and transportable, Elcometer have developed a range of inspection kits. All the gauges are conveniently stored in a hard plastic protective carrying case and are supplied with full operating instructions.