

# Elcometer 213/2 Digital Waterproof Thermometer



Elcometer 213/2

The Elcometer 213/2 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  $\Delta T$ , 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>	G213----2

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

Probes		
Part Number	Description	Maximum Operating Temperature
T21311728	Magnetic Surface Probe (13mm diameter)	150°C / 302°F
T2136069-	Surface Probe (130 x 4.2mm diameter)	600°C / 1112°F
T2136390-	Liquid Probe (130 x 3mm diameter)	850°C / 1562°F
T2136391-	Needle Probe (130 x 3mm diameter)	400°C / 752°F

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

## Related products



Elcometer 319/2

The Elcometer 319/2 dewpoint meter has been designed to incorporate all the needs required for climatic motoring in a single gauge. The memory and measurement options make to Elcometer 319/2 one of the most versatile digital dewpoint meters available today.



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 one hard plastic protective carrying case and are supplied with full operating instructions.

### ENGLAND

Elcometer Ltd  
Edge Lane  
Manchester M43 6BU

Tel: +44 (0)161 371 6000  
Fax: +44 (0)161 371 6010  
e-mail: sales@elcometer.com  
www.elcometer.com

### USA

Elcometer Inc  
1893 Rochester Industrial Drive  
Rochester Hills Michigan 48309

Tel: +1 248 650 0500  
Toll Free: 800 521 0635  
Fax: +1 248 650 0501  
e-mail: inc@elcometer.com  
www.elcometer.com

### CANADA

Elcometer Ltd  
PO Box 622, 401 Quelette Avenue  
Windsor, Ontario N9A 6N4

Tel: +1 248 650 0500  
Toll Free: 800 521 0635  
Fax: +1 248 650 0501  
e-mail: ca\_info@elcometer.com  
www.elcometer.com

### ASIA & THE FAR EAST

Elcometer (Asia) Pte Ltd  
896 Dunearn Rd  
Sime Darby Centre #3-09  
Singapore 589472,  
Republic of Singapore

Tel: +65 6462 2822  
Fax: +65 6462 2860  
e-mail: asia@elcometer.com  
www.elcometer.com

### BELGIUM

Elcometer SA  
Rue Vallée 13  
B-4681 Hermalle /s Argenteau

Tel: +32 (0)4 379 96 10  
Fax: +32 (0)4 374 06 03  
e-mail: be\_info@elcometer.be  
www.elcometer.be

### FRANCE

Elcometer Sarl  
97 Route de Chécy  
45430 BOU

Tel: +33 (0)2 38 86 33 44  
Fax: +33 (0)2 38 91 37 66  
e-mail: fr\_info@elcometer.fr  
www.elcometer.fr

### GERMANY

Elcometer Instruments GmbH  
Himmlingstraße 18  
D-73434 Aalen

Tel: +49 (0)7366 91 92 83  
Fax: +49 (0)7366 91 92 86  
e-mail: de\_info@elcometer.de  
www.elcometer.de