

Elcometer 213 Digital Thermometer



Elcometer 213

The Elcometer 213 Digital Thermometer allows quick and easy measurements for a wide range of applications using the K-type thermocouple.

Features of the Elcometer 213 Digital Thermometer include:

- **Temperature probes:**
Magnetic Surface Probe, Surface Probe, Liquid Probe and Needle Probe.
- **Clear display:**
Large, easy to read display with low battery indicator.

At a glance:

Easy to use digital thermometer

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

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 .

Accuracy	±1% of the reading ± 1 digit
Resolution	1°C across the range
Power Supply	1 x MN1604/PP3 (9V) Battery
Battery Life	Approximately 200 hours
Operating Range	-50°C to 1370°C [†]
Display	12.7mm LCD Display
Dimensions	36 x 80 x 147mm (1.4" x 3.2" x 5.8")
Weight	210g (0.46lb)
Packing List	Elcometer 213 Digital Thermometer, battery and operating instructions <i>Probes are not supplied as standard with the Elcometer 213. Please select the required probe from the list below.</i>
Part Number	G213----1

[†] Operating range is dependant on probe used

Probes		
Part Number	Description	Maximum Operating Temperature
T21311728	Magnetic Surface Probe (13mm diameter)	150°C
T2136069-	Surface Probe (130 x 4.2mm diameter)	600°C
T9996390-	Liquid Probe (130 x 3mm diameter)	850°C
T2136391-	Needle Probe (130 x 3mm diameter)	400°C

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*[®] 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.

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