

## Elcometer 113 Magnetic Thermometers



Elcometer 113

### At a glance:

*Simple, basic device to indicate surface temperature of steel and other magnetic surfaces.*

### Elcometer 113 Magnetic Thermometers

The Elcometer 113 Magnetic Thermometers indicate the surface temperature of steel and other magnetic materials continuously.

The thermometer is based on a bimetallic strip and therefore does not require batteries.

Available in four scale ranges

- -35 to 55°C
- 0 to 120°C
- -20 to 250°C
- 0 to 500°F

### 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 or premature corrosion of the substrate can occur.

To determine the likelihood of moisture affecting the quality of the finish, it is essential that the surface temperature, air temperature, relative humidity (RH) and dewpoint are all measured.

Model	Part Number	Description
	G113----1	Elcometer 113 Magnetic Thermometer, -35 to 55°C
	G113----2	Elcometer 113 Magnetic Thermometer, 0 to 120°C
	G113----3	Elcometer 113 Magnetic Thermometer, -20 to 250°C
	G113----4	Elcometer 113 Magnetic Thermometer, 0 to 500°F
	G113----1B	Elcometer 113/2 Economy Magnetic Thermometer, -35 to 55°C
	G113----2B	Elcometer 113/2 Economy Magnetic Thermometer, 0 to 120°C

## Related Products



Elcometer 214

### Elcometer 214 Infrared Digital Laser Thermometer

The Elcometer 214 is a simple, easy-to-use, non-contact thermometer which safely and accurately measures surface temperature of non-reflective materials using infrared technology.

With a measuring range of  $-35^{\circ}\text{C}$  to  $365^{\circ}\text{C}$  or  $-31^{\circ}\text{F}$  to  $689^{\circ}\text{F}$ , user switchable, a digital display of the temperature in  $^{\circ}\text{C}$  or  $^{\circ}\text{F}$  is produced in less than one second.

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