

Elcometer 214 Infrared Digital Laser Thermometer



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At a glance

- Quick & easy to use.
- Fast, accurate measurements.
- Laser pointer to pinpoint exact area of measurement
- °C / °F switchable

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°C to 365°C or -31°F to 689°F, user switchable, a digital display of the temperature in °C or °F is produced in less than one second.

- Non-contact technology with laser spot indicator
- User switchable, measuring range of -35°C to 365°C or -31 to 689°F
- Fast, 1 second scanning of any surface
- Measure objects as small as 25mm (1")
- Distance-to-Target Ratio of 8:1
- Easy to read LCD display

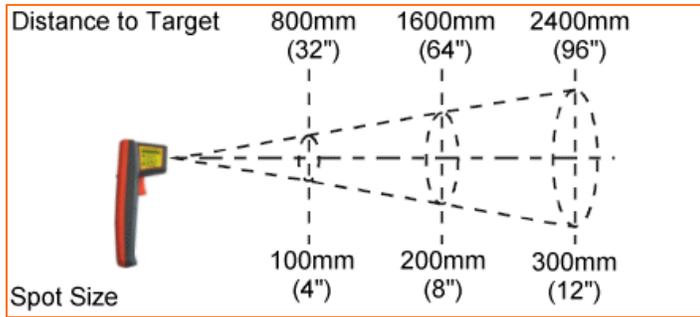
Climatic Testing

The monitoring of climatic conditions such as temperature, relative humidity, dewpoint and moisture in industry is often vital to the success of the application of a coating. These parameters determine both the conditions for the application of the coating, and the resulting quality and performance of the coated product.

TECHNICAL SPECIFICATION	
Measuring Range	-35°C to 365°C (-31 to 689°F)
Resolution	0.2°C (0.5°F)
Accuracy	±1.5°C (2.7°F)
Ambient Temperature Range	0 - 50°C (32 - 122°F)
Distance-to-Target Ratio	8:1
Emissivity	Fixed at 0.95
Response Time	1 second
Battery Type	2 x AAA Alkaline Batteries
Battery Life	> 14 hours continuous use
Dimensions	166 x 34 x 64 (6.5 x 1.3 x 2.5")
Weight	113g (3.98oz)
Part Number	G214L----3 Elcometer 214 Infrared Digital Laser Thermometer
Packing List	Elcometer 214 Infrared Digital Laser Thermometer, 2 x AAA batteries (fitted), wrist strap and operating instructions

Distance-to-Target Ratio

The Elcometer 214 Infrared Digital Laser Thermometer has a distance-to-target ratio (D/T) of 8:1 and measures the emitted energy from a target spot one-eighth the size of the working distance. For example, if the distance from the sensor optics to the target is 200mm (8"), the diameter of the measured area is 25mm (1"), the minimum target area for the Elcometer 214.



Related Products



Elcometer 213/2

Elcometer 213/2 Digital Waterproof Thermometer

The Elcometer 213/2 Digital waterproof thermometer offers the latest microprocessor technology, superior durability and is designed for reliability and ease of use.



Elcometer 212

Elcometer 212 Digital Pocket Thermometer

Designed to cope with routine day to day use, the Elcometer 212 takes fast, accurate measurements. Incorporating auto-power On/Off functionality, by simply unfolding the probe, the instrument switches on.



Elcometer 113

Elcometer 113 Magnetic Thermometer

The Elcometer 113 Magnetic Thermometer continuously indicates the surface temperature of steel and other magnetic material.

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