

Elcometer 214L Infrared Digital Thermometer (Laser)



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The Elcometer 214L Infrared Thermometer is compact, lightweight and easy to use. Simply aim, pull the trigger and display the surface temperature of the object being measured. Release the trigger to hold the reading.

The Elcometer 214L incorporates a clear, easy to read display with laser pointer, backlight and low battery indicator. Battery life is preserved by the auto switch off facility and the User's ability to switch the backlight on or off as required.

The laser assisted alignment feature is useful for pinpointing the exact area of measurement.

Features include:

- Laser – switchable
- °C / °F – switchable
- Auto switch off
- Backlight – switchable
- Hold facility
- 8:1 Optics ratio as shown below

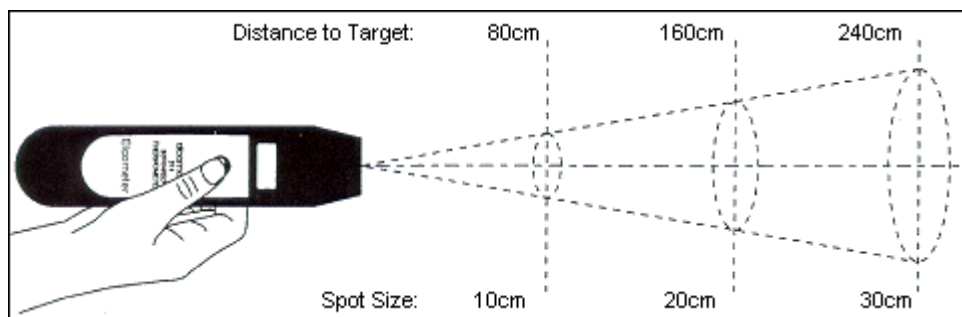
Climatic Condition Testing

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.

At a glance

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



Temperature Range	-20 to 270°C (-4 to 518°F)
Resolution	1°C or 1°F
Accuracy	±2% of reading or ±2°C (±4°F) whichever is the greater
Field of View	8:1 optics ratio (25mm min target)
Emissivity	Fixed at 0.95
Response Time	Approximately one second
Display	Custom LCD
Battery Type	9V MN1604/PP3
Battery Life	100 hours continuous use
Case Dimensions	58 x 79 x 159mm (2.2 x 3.1 x 6.2")
Instrument Weight	180g (0.4 lb)

Model	Description	Part Number
Elcometer 214L	Elcometer 214L Infrared Digital Thermometer with Laser Pointer	G214L----2

Related products



Elcometer 214

The Elcometer 214 infrared thermometer is a hand held battery operated instrument, which safely and accurately and instantly measures the surface temperature of non reflective materials using infrared technology. As the measurement is non-contact the user can be confident that the substrate will not be contaminated as can be the case with contact thermometers.



Elcometer 213

A portable digital thermometer which allows quick and easy measurements for a wide range of applications using the K-type thermocouple, including the measurement of surface and air temperatures, liquid temperatures and soft material temperatures.



Elcometer 212

Designed to cope with routine day to day use, the Elcometer 212 digital pocket thermometer is the gauge to take fast, accurate measurements of either the surface or the coating temperature. The probe can be protected by folding it into the handle - this also switches the gauge off.



Elcometer 113

These magnetic thermometers indicate the surface temperature of steel and other magnetic materials continuously. The thermometer is placed onto the substrate and the temperature is displayed on the dial. As the principle of operation uses a bi-metallic strip, no batteries are required.

ENGLAND

Elcometer Instruments 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 Instruments 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 Canada Ltd
PO Box 622, 401 Ouelette 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 SPRL
Rue Vallée 13
B-4681 Hermalle /s Ardenteau

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
BP 8-Bou
60 Rue de la Petite Levée
45430 Chécy

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