

elcometer®

inspection equipment



ENGLAND

Elcometer Limited
Manchester M43 6BU
Tel: +44 (0)161 371 6000
Fax: +44 (0)161 371 6010
e-mail: sales@elcometer.com

FRANCE

Elcometer Sarl
45430 Bou
Tel: +33 (0)2 38 86 33 44
Fax: +33 (0)2 38 91 37 66
e-mail: fr_info@elcometer.com

USA

Elcometer Inc
Rochester Hills Michigan 48309
Tel: +1 248 650 0500
Toll Free: 800 521 0635
Fax: +1 248 650 0501
e-mail: inc@elcometer.com

GERMANY

Elcometer Instruments GmbH
D-73431 Aalen
Tel: +49(0)7361 52806 0
Fax: +49(0)7361 52806 77
e-mail: de_info@elcometer.de

REPUBLIC OF SINGAPORE

Elcometer (Asia) Pte Ltd
Singapore 589472,
Tel: +65 6462 2822
Fax: +65 6462 2860
e-mail: asia@elcometer.com

BELGIUM

Elcometer SA
B-4681 Hermalle /s Argenteau
Tel: +32 (0)4 379 96 10
Fax: +32 (0)4 374 06 03
e-mail: be_info@elcometer.com

JAPAN

Elcometer KK
Nisso Dai 23 Building, Room 804,
3-8-25, Toranomom, Minato-ku,
Tokyo 105-0001
Tel: +81-3-6869-0770
Fax: +81-3-6809-1442
e-mail: jp_info@elcometer.com

THE NETHERLANDS

Elcometer NL
3584 BH Utrecht
Tel: +31 (0)30 210.7005
Fax: +31 (0)30 210.6666
email: nl_info@elcometer.com

DFT
Fineness of Grind, Density
Flow & Dip Cups
Rotational Viscosity
Flash Point, Impact Testers
Washability & Abrasion Testers
Film Applicators, Bend Testers, Gloss
Thickness Gauges, Surface Profile, Wet Film
Dry Film, Coating Thickness Gauges
Climatic Testing, Adhesion, Pinhole Testers,
Porosity, Software, Dispersion, Inspection Kits,
Zahn Cups, Motorised Film Applicators,
Drying Time Recorders, Washability, Abrasion
Scratch & Hardness, Elasticity & Deformation,
Surface Cleanliness, DOI Gloss Meters,
Colour, Moisture, Dewpoint Meters,
Cross-Hatch, Oven Recorders,
Surface Contamination
ElcoMaster™



Elcometer 410
Anemometer
www.elcometer.com

Elcometer 410

Anemometer



The Elcometer 410 Anemometer is a portable, pocket size instrument for taking accurate readings of wind speed.

The lightweight impeller with high precision jewel bearings provides very accurate airflow measurements even at low speeds. The impeller can easily be replaced without the need to return the unit to Elcometer.

The wind speed can be displayed in various measurement units; indicating current speed, maximum speed or average speed.

Technical Specification

Part Number	Description	
G410-1	Elcometer 410 Anemometer	
Functions	Current wind speed (3 second average) Average speed since power on (AVG) Maximum 3 second gust since power on (MAX) Data Hold	
Measurement Units	Knots (kt), metres per second (m/s), kilometres per hour (km/h), miles per hour (mph), feet per minute (ft/min) and Beaufort Force (B)	
Operating Range	0.4m/s to 60m/s (0.8 to 135.0mph)	
Specification Range	0.4m/s to 40m/s (0.8 to 89.0mph)	
On-axis Accuracy	±3% of reading or least significant digit, whichever is the greater	
Off-axis Response	-1% at 5°, -2% at 10°, -3% at 15°	
Calibration Drift	<1% after 100 hours operation at 7m/s	
Resolution	0.1 kt, m/s, km/h, mph. 1 ft/min below 1999 ft/min, 10 ft/min above 2000 ft/min. 1 Beaufort (0 to 12)	
Operating Temperature	-10°C to +55°C (14°F to 131°F)	
Storage Temperature	-30°C to +60°C (-22°F to 140°F)	
Power Supply	1 x CR2032 Lithium Coin Cell	
Battery Life	Approximately 300 hours	
Auto Switch Off	45 minutes after last key press	
Dimensions	Instrument Only:	122 x 42 x 20mm (4.8 x 1.6 x 0.8")
	Instrument and Protective Cover:	122 x 46 x 26mm (4.8 x 1.8 x 1")
Weight	Instrument Only:	65g (2.3oz)
	Instrument and Protective Cover:	102g (3.6oz)
Packing List	Elcometer 410 Anemometer, protective cover, lanyard, 1 x CR2032 battery and operating instructions.	

Accessories

- T41021404 Portable Mini Tripod (including Tripod Clamp)
- T41021405 Tripod Clamp (Securely holds the Elcometer 410 and will fit any standard tripod)
- T41021406 Replacement Impeller

Related Products



Elcometer 319 Dewpoint Meter

This rugged dew point meter is designed to measure and record all relevant climatic parameters required to determine whether the conditions are suitable for painting. The Elcometer 319 dewpoint meter can be used as a hand-held gauge or a stand alone data logger - ideal for monitoring climatic conditions over a period of time.



Elcometer 320 Climate Monitoring System

Using readily available, off the shelf components the Elcometer 320 - together with ElcoMonitor™ Software and the Elcometer 319 Dewpoint Meter - is a powerful system which simply and accurately monitors climatic parameters in any number of locations.



Elcometer 212 Digital Pocket Thermometer

The Elcometer 212 is a digital, pocket size thermometer ideal for day to day use.

Incorporating a fast response stainless steel liquid or surface probe, the Elcometer 212 provides temperature readings in under four seconds.



Elcometer 214L IR 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.



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.