elcometer®

inspection equipment

Elcometer 130

Salt Contamination Meter

Elcometer 130   Salt Contamination Meter

The **Elcometer 130** quickly and accurately measures the level of soluble salts on surfaces over 4 times faster than Bresle equivalent test methods.

Non-oxidising gold plated contacts ensures lifetime accuracy

Fast reading rate allows multiple tests to be completed efficiently

Automatic temperature compensation ensures accurate results

Pressure plate ensures a constant and uniform pressure to paper

Stores up to 100,000 readings in 1,000 alpha numeric batches

Dust and water resistant rugged design equivalent to IP64

STANDARDS:
SSPC Guide 15

Measures on flat and convex surfaces

2 YEAR* WARRANTY

Elcometer 130   Salt Contamination Meter

User Friendly

- Large buttons ideal for gloved hands
- Easy to use menus in multiple languages
- High reading limit indicator
- Factory calibrated for immediate use

Tough

- Heavy duty, impact resistant, dust and waterproof design equivalent to IP64
- Wipe clean sealed unit ideal for harsh environments
- Scratch and solvent resistant display

Accurate

- Conductivity measurement to ±1%
- Can be used in accordance with National and International Standards
- Automatic temperature compensation ensures repeatable, accurate results
- Calibration verification tiles
- Trend and batch readings graph formats for instant on screen analysis

Efficient

- Instant readings allows multiple tests to be completed efficiently
- Alpha numeric batch identification
- Compatible with ElcoMaster® software and ElcoMaster® Mobile App
- Calibration offset allows the use of non-pure water up to 2µg/cm²

Reliable

- Repeatable and reproducible measurements
- 2 year gauge warranty*
- Supplied with fully traceable Test Certificates
- Batch & individual readings are stored with date and time stamp

Powerful

- Measuring range up to 50µg/cm² (3000ppm)
- USB and Bluetooth® data output to iPhone[1] or Android™ devices
- Stores up to 100,000 readings in 1,000 batches
- Soluble salt and conductivity meter in one gauge

Calibration Verification Tiles available for verifying the accuracy of the gauge

* The Elcometer 130 is supplied with a 1 year warranty against manufacturing defects. The warranty can be extended free of charge to 2 years within 60 days of purchase via www.elcometer.com.

[1]Compatible with iPod, iPhone and iPad.

Elcometer 130 — Salt Contamination Meter

Product Features	■ Standard	□ Optional
	Model S	Model T
Repeatable & reproducible measurements	■	■
Easy to use menu structure; *in 30+ languages*	■	■
Tough, impact, waterproof & dust resistant; *equivalent to IP64*	■	■
Bright colour screen; *with permanent backlight*	■	■
Scratch & solvent resistant display; *2.4" (6cm) TFT*	■	■
2 year gauge warranty[1]	■	■
USB power supply; *via PC*	■	■
Calibration certificate	■	■
Calibration Verification Mode *(with optional certified calibration tiles)*	■	■
Ambient light sensor; *with adjustable auto brightness*	■	■
Emergency Light Mode	■	■
Magnetic & tripod mounting points	■	■
Gauge software updates; *via ElcoMaster® software*	■	■
Data output		
USB; *to computer*	■	■
Bluetooth®; *to computer, Android™ & iOS[2] devices*		■
ElcoMaster® software & USB cable	□	■
On screen statistics		■
Number of readings (n); Mean (average) $(\bar{x})$; Standard deviation (σ); Highest reading (Hi); Lowest reading (Lo); Coefficient of variation$(CV\%)$; Number of readings above high limit ($\overset{n}{\triangle}$)		■
Gauge memory		■
Number of readings		100,000
Number of batches		1,000
Measurement units & range µg/cm² ppm µS/cm mS/cm % Salinity mg/m²	0-25	0-50 0-3000 0-6000 0-6 0-0.3 0-500
Measurement mode		
Surface cleanliness	■	■
Conductivity		■
Calibration Offset Mode	■	■
Automatic temperature compensation	■	■
Individual reading stored with date & time		■
Plastic transit case	■	■
Alpha-numeric batch names; *user definable on the gauge*		■
Fixed Batch Size Mode; *with batch linking*		■
Delete last reading		■
Limits; *user definable audible & visual pass/fail warnings*		■
Review, copy, clear & delete batches & calibration settings		■
Trend graph; *last 20 readings*		■
Batch review graph		■
Analogue bar graph		■

[1] The Elcometer 130 is supplied with a 1 year warranty against manufacturing defects. The warranty can be extended free of charge to 2 years within 60 days of purchase via www.elcometer.com. [2] Visit www.elcometer.com/sdk to find out how to integrate Elcometer's MFi certified products to your App.

elcometer
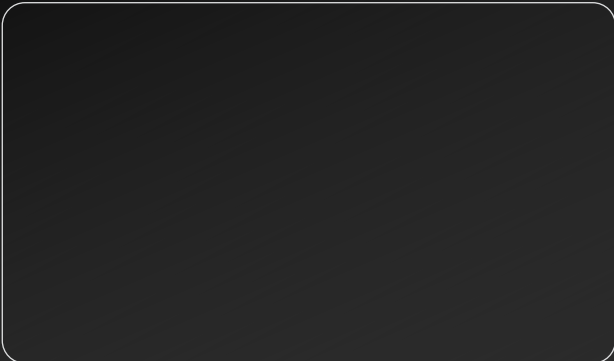
Elcometer 130 **Salt Contamination Meter**

Technical Specification

Model S	Model T	Description	Certificate
E130-S	E130-T	Elcometer 130 Salt Contamination Meter	
E130-SC	E130-TC	Elcometer 130 Certified Salt Contamination Meter	●

		Model S	Model T
Measurement Range		0-25µg/cm²	0-50µg/cm²; 0-500mg/m²; 0-6000µS/cm; 0-6mS/cm; 0-3000ppm; 0-0.3% Salinity
Resolution		0.1µg/cm²	0.1µg/cm²; 1mg/m² 1µS/cm; 0.001mS/cm 1ppm; 0.0001% Salinity

Measurement Accuracy	±1% of reading ±0.1µg/cm²	Operating Range	5°C - 40°C (41°F - 104°F)
Power Supply	4 x AA batteries (rechargeable batteries can also be used), or power via USB		
Number of Tests	Approximately 4,000 measurements before battery replacement		
Sample Time	2 minutes	Sampling Size	110mm (4.3") diameter circle
Dimensions	250 x 145 x 50mm (9.8 x 5.7 x 1.9")	Weight	780g (1.72lb)
Packing List	Elcometer 130 Salt Contamination Meter, 3 x magnetic discs , 100 x high purity test papers, 250ml (8.5fl oz) pure distilled water, 20 x PVC storage bags, disposable gloves, sensor wipes, 3 x 3ml (0.1fl oz) syringes, 2 x plastic tweezers, 4 x AA batteries, shoulder strap, plastic transit case, test certificate and operating instructions, USB cable (T), ElcoMaster® software (T)		

Accessories

		Certificate
T13023980	Calibration Verification Tiles, Set of 3	●
T13024091	3ml / 0.1fl oz Syringe (x3)	
T99922341	Pack of 10 Display Screen Protectors	
T13024093	Box of 20 Self Seal Polythene Bags	
T99911344	Pure Distilled Water - 250ml (8.5fl oz) Bottle with 3ml syringe	
T13027596	Pure Distilled Water - 1000ml (33.8fl oz) Bottle with 3ml syringe	
T13024094	Box of 100 High Purity Test Papers	
T13024092	Box of 20 Disposable Vinyl Gloves	
T13024098	Plastic Tweezers (x2)	
T13024087	Box of 72 Sensor Wipes	
T13025964	Magnetic Discs (x3)	
T99921325	USB Cable	

● Calibration certificate supplied as standard

ENGLAND

Elcometer Limited
Tel: +44 (0)161 371 6000
Fax: +44 (0)161 371 6010
sales@elcometer.com
www.elcometer.com

FRANCE

Elcometer Sarl
Tel: +33 (0)2 38 86 33 44
Fax: +33 (0)2 38 91 37 66
fr_info@elcometer.com
www.elcometer.fr

GERMANY

Elcometer Instruments GmbH

AALEN
Tel: +49 (0) 7361 52806 0
Fax: +49 (0) 7361 52806 77

LEER
Tel: +49 (0) 7361 528 06 60
Fax: +49 (0) 7361 528 06 68

de_info@elcometer.com
www.elcometer.de

THE NETHERLANDS

Elcometer B.V.
Tel: +31 (0)30 259 1818
Fax: +31 (0)30 210 6666
nl_info@elcometer.com
www.elcometer.nl

JAPAN

Elcometer KK
Tel: +81-(0)3-6869-0770
Fax: +81-(0)3-6433-1220
jp_info@elcometer.com
www.elcometer.co.jp

REPUBLIC OF SINGAPORE

Elcometer (Asia) Pte Ltd
Tel: +65 6462 2822
Fax: +65 6462 2860
asia@elcometer.com
www.elcometer.com

UNITED ARAB EMIRATES

Elcometer L.L.C.
Tel: +971 4 295 0191
        +971 4 280 3526
Fax: +971 4 295 0192
uae_sales@elcometer.com
www.elcometer.ae

USA

MICHIGAN
Elcometer Inc
Tel: +1 248 650 0500
Toll Free: 800 521 0635
Fax: +1 248 650 0501
inc@elcometer.com
www.elcometer.com

TEXAS
Elcometer of Houston
Tel: +1 713 450 0631
Toll Free: 800 521 0635
Fax: +1 713 450 0632
inc@elcometer.com
www.elcometer.com

elcometer®
www.elcometer.com