



Elcometer 130 Salt Contamination Meter

## Surface Preparation - Cleanliness

### **Elcometer 130**

### Salt Contamination Meter

STANDARDS: SSPC Guide 15



Large colour LCD screen displays readings in µg/cm<sup>2</sup>, ppm, µS/cm, mS/cm, % salinity or mg/m<sup>2</sup>



On-screen run graph shows last 20 measurement values

The Elcometer 130 quickly and accurately measures the level of soluble salts on surfaces nearly 5 times faster than Bresle equivalent test methods.

> Fast reading rate allows multiple tests to be completed efficiently

USB and Bluetooth® data

output to ElcoMaster® software

Pressure plate ensures a constant and uniform pressure to paper

Fully portable hand-held, ergonomic design ideal for use in the field



View up to 8 user selectable statistics on-screen

## Salt Contamination Meter

Automatic temperature compensation ensures

accurate results

0

elcometer

Dust and water resistant

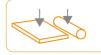
rugged design equivalent

to IP64

Baxter

# Surface Preparation - Cleanliness

## **Elcometer 130**



Measures on flat and convex surfaces







Non-oxidising gold plated contacts ensures lifetime accuracy

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

Made for



# WATER FOR LAB USE

GRADE 3. 853978 (1967) (ISO3696)

ww.elcometer.com

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elcometer





**□** iPod **□** iPhone **□** iPad

### **Elcometer 130**

### Salt Contamination Meter

# Designed with you in mind

# **User Friendly**

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

# 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

# Reliable

new

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



# 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

# Efficient

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

## Powerful

- Measuring range up to 50µg/cm<sup>2</sup> (3000ppm)
- USB and Bluetooth<sup>®</sup> data output to iPhone\* or Android<sup>™</sup> devices
- Stores up to 100,000 readings in 1,000 batches
- Soluble salt and conductivity meter in one gauge



\*Compatible with iPod, iPhone and iPad.

### Salt Contamination Meter

Product Peditores       ■ standard       © optional         Repeatable & reproducible measurements       ■       ■         Easy to use menu structure; in 30+ languages       ■       ■         Tough, impact, waterproof & dust resistant: equivalent to IP64       ■       ■         Engith colour screen; with parament back light       ■       ■         Scratch & solvent resistant display; 2.4" (6cm) TFT       ■       ■         2 year gauge warranty*       ■       ■       ■         USB power supply; via PC       ■       ■       ■         Calibration verification       ■       ■       ■       ■         Calibration verification       ■ <th>Draduct Footures</th> <th></th> <th></th> <th></th>	Draduct Footures			
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Analogue bar graph	·			· · · · ·
	Analogue bar graph			

Product Features	Standa	ard 🗆 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 back light		
Scratch & solvent resistant display; 2.4" (6cm) TFT		
2 year gauge warranty*		1 A A A A A A A A A A A A A A A A A A A
USB power supply; via PC		1 A A A A A A A A A A A A A A A A A A A
Calibration certificate		
Calibration verification mode (with optional certified calibration t	iles)	
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 <sup>®</sup> ; to computer, Android <sup>™</sup> & iOS <sup>‡</sup> devices		
ElcoMaster <sup>®</sup> software & USB cable		
On screen statistics		
Number of readings ( <i>n</i> ); Mean (average) ( $\bar{x}$ ); Standard devia Highest reading ( <i>Hi</i> ); Lowest reading ( <i>Lo</i> ); Coefficient of vari Number of readings above high limit ( <u>A</u> )		
Gauge memory		
Number of readings		100,000
Number of batches		1,000
	μg/cm <sup>2</sup> 0-25 ppm μS/cm mS/cm % Salinity mg/m <sup>2</sup>	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		

\*The Elcometer 130 is extendable within 60 days from date of purchase, free of charge, to 2 years via www.elcometer.com

\* Visit www.elcometer.com/sdk to find out how to integrate Elcometer's MFi certified products to your App

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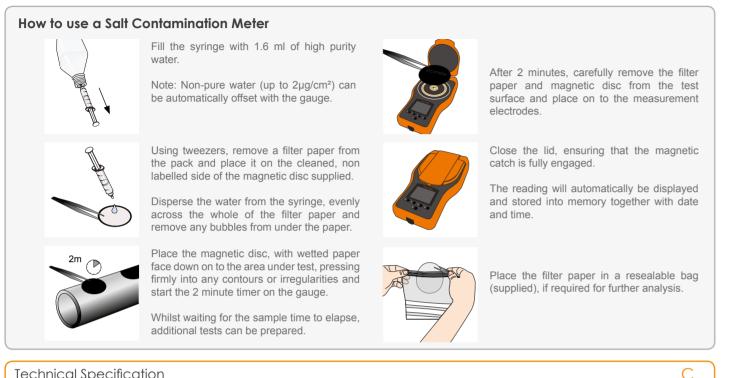
elcometer

# Surface Preparation - Cleanliness

## Elcometer 130

### Elcometer 130

### Salt Contamination Meter



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Model S	Model T	Description			Certificate
E130-S	E130-T	Elcometer 130 Salt Contamination Meter			
E130-SC	E130-TC	Elcometer 130	Certified Salt Co	ntamination Meter	•
		Model S		Model T	
Measurement Range		0-25µg/cm²		0-50µg/cm <sup>2</sup> ; 0-500mg/m <sup>2</sup> ; 0-6000 0-6mS/cm; 0-3000ppm; 0-0.3% S	1 /
Resolution		0.1µg/cm <sup>2</sup>		0.1µg/cm²; 1mg/m² 1µS/cm; 0.001mS/cm 1ppm; 0.0001% Salinity	
Measurement Accuracy	±1% of reading ±0.1µ	g/cm <sup>2</sup>	Operating Range	5°C - 40°C (41°F - 104°F)	
Power Supply	4 x AA batteries (rech	argeable batteri	es can also be us	sed), or power via USB	
Number of Tests	Approximately 4,000	measurements	before battery rep	lacement	
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, 100 x high purity test papers, 250ml (8.5fl oz) pure 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 <sup>®</sup> software (T)				

Accessorie	es		
T13023980	Calibration Verification Tiles, Set of 3	T13024094	Box of 100 High Purity Test Papers
T13024091	3ml / 0.1fl oz Syringe (x3)	T13024092	Box of 20 Disposable Vinyl Gloves
T99922341	Pack of 10 Display Screen Protectors	T13024098	Plastic Tweezers (x2)
T13024093	Box of 20 Self Seal Polythene Bags	T13024087	Box of 72 Sensor Wipes
T99911344	Pure Water - 250ml (8.5fl oz) Bottle	T13025964	Magnetic Discs (x3)
199911344	with 3ml syringe	T99921325	USB Cable

· Calibration certificate supplied as standard

6

Data can be stored in a simple file tree, by project and by inspection type. Data is clearly displayed in tabular format

**Total Quality Assurance** 

reporting requirements.

Using ElcoMaster® wizard,

data is fast and easy

ElcoMaster® allows you to

measurements - from any

Elcometer gauge

download all your inspection

connecting a gauge to download

today's industrial environment.

**ElcoMaster<sup>®</sup> Mobile** for iPhone and Android<sup>™</sup> allows **ElcoMaster**<sup>®</sup> gives you the power to review your data and produce professional reports quickly and easily. users to: Internal wizards guide you through each step, from . connecting a gauge to generating a report.

Features:

- Produce and combine measurements from any Elcometer inspection gauge in one report
- Add photographs, limits & notes to your reports
- Export to Excel or other spreadsheet formats ٠
- Print, email or generate .pdf reports
- Design your own reports and drag & drop readings or statistics onto the report
- Combine multiple batches into one report •
- Communicate and link with ElcoMaster® Mobile
- Automatic upgrade notifications inform and allow users to upgrade their Elcometer gauges & ElcoMaster® software in the field

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# Data Management Software



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## The new ElcoMaster<sup>®</sup> is a fast, easy to use software solution for all your



- Transfer live readings or batches from Elcometer Bluetooth® gauges to mobile phones, tablets or PC's
- Collect data via collection image templates, identifying where each reading should be taken<sup>1</sup>
- Provides instant data analysis remotely and emails key data, including readings, notes & photographs, etc. - generating .pdf reports<sup>2</sup> from the field to the office

For more information please visit our website at elcometer.com.



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Elcometer 130 Model T: Made for iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5s, iPhone 5s, iPhone 4s, iPad Air 2, iPad mini 3, iPad Air, iPad mini 2, iPad (3rd and 4th generation), iPad mini, iPad 2, and iPod touch (5th generation)."Made for iPod, " "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

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