

PosiTector SST Soluble Salt Tester



All Gages Feature...

Simple

- Conductivity probe specifically designed for ISO 8502-6,9
- Displays test duration, sample temperature, conductivity (µS/cm) and surface density (mg/m² or µg/cm²)
- Onscreen interface guides users through the Bresle test method
- Automatic storage of a background (blank) measurement handy when performing multiple tests

Durable

- · Solvent, acid, oil, water and dust resistant-weatherproof
- · Shock-absorbing, protective rubber holster with belt clip
- Two year warranty on gage body AND probe

Accurate

- Long Form Certificate of Calibration showing traceability to NIST included
- Includes certified conductivity standard (calibration solution) to verify probe accuracy. Certificate included.
- Automatic temperature normalization and sample temperature reporting
- Conforms to national and international standards including ISO, NACE, SSPC, IMO and US Navy

Versatile

- PosiTector body accepts all PosiTector SST, 6000, 200, RTR, SPG, DPM, SHD and UTG probes easily converting from a soluble salt tester to a coating thickness gage, surface profile gage, dew point meter, Shore hardness durometer or ultrasonic wall thickness gage
- Ideal for determination of water-soluble contaminants in non-metallic blast media
- A selection of kits include everything needed to retrieve and analyze the concentration of soluble salts on surfaces
- Adjustable for various patch volumes
- Selectable display languages
- High contrast reversible color LCD with backlit display
- Uses alkaline or rechargeable batteries (built-in charger)

Powerful

- Tracks test duration in accordance with ISO 8502-6
- Screen Capture—save screen images for record keeping and review
- USB port for fast, simple connection to a PC and to supply continuous power
- · Every stored measurement is date, time and temperature stamped
- · Software updates via internet keep your gage current

 PosiSoft USB Drive—stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.

Includes PosiSoft suite of software for viewing and reporting data

Select Standard or Advanced Features

Standard Models

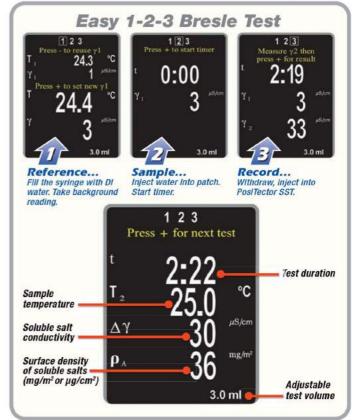
Includes ALL features as shown above plus...

 Storage of 250 readings stored readings can be viewed or downloaded

Advanced Models

Includes ALL features as shown above plus...

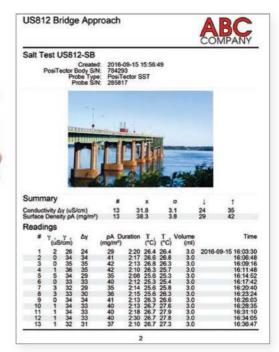
- Storage of 100,000 readings in up to 1,000 batches
- Batch annotation—add notes and change batch names with onscreen QWERTY keyboard
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates
- Data transfer via USB to a PC or via Bluetooth Wireless Technology to a mobile device, PC or printer
- Store thickness, profile, environmental, wall thickness, hardness and salt contamination measurements in individual batches



PosiSoft®

FREE SOLUTIONS for viewing, analyzing and reporting data:





SST

PosiTector SST Bresle Method Patch Options





Reusable patch with Standard or Flexible magnetic ring

- For measuring salt contamination in accordance with ISO 8502-6,9
- Magnetic ring attaches PosiPatch to steel with no residue to clean
 - Standard magnetic ring for flat surfaces and diameters >1m (40 in.)
 - Flexible magnetic ring for ID/OD diameters >10 cm (4 in.)[†]
- Automatic air removal through a watertight, air permeable membrane
- No sharps, no needles! Safe, flexible dispensing tip mates with PosiPatch
- · Comparable price to latex patches
- Reusable patent-pending PosiPatch saves time and money
- Easy-to-use in any orientation

Specifications

Test Area*	1250 mm ² 2.5 – 3 ml		
Test Volume			
Patch Diameter	44.4 mm (1.75 in.)		
Magnetic Ring Diameter	66.9 mm (2.6 in.)		
Background Contamination*	< 3 mg/m ²		

Self-adhesive, polyurethane patches

† Flexible Magnetic Ring minimum ID is 12 cm (4.5 in.)

For measuring salt contamination in accordance with ISO 8502-6,9

Low-tack adhesive for easy patch removal with no residue to clean

DeFelsko Patch

Innovative...

PosiPatch attaches to steel surfaces using a unique magnetic ring



Works on nearly any material or surface geometry Latex-free

- Lower cost than latex patch
- Easy-to-use in any orientation





Test Area*	1250 mm ²	
Test Volume	2 – 3 ml	
Dimensions	50 mm x 50 mm (1.97 in. x 1.97 in)	
Background Contamination*	< 5 mg/m²	

^{*} Certificate included

Latex Patch

PosiPatch Advantage.

Magnetic ring --no adhesive residue to clean

Reusable PosiPatch

saves time and money

Automatic air

a watertight, air permeable

membrane

No sharps!

Safe, flexible

dispensing tip

removal through

ISO 8502-6 conforming latex patch with easy-open tabs and low-tack adhesive for easy removal



Specifications

Test Area*	1250 mm²	
Test Volume	2 – 15 ml	
Dimensions	52 mm x 52 mm (2.05 in. x 2.05 in)	
Background Contamination*	< 5 mg/m²	

^{*} Certificate included

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Ordering Guide	Gage/Probe Only	Kit P: PosiPatch Kit	Kit D: DeFelsko Adhesive Patch Kit	Kit L: Latex Adhesive Patch Kit
Probe Only¹	PRBSST	SSTKITP	SSTKITD	SSTKITL
Standard Body + Probe ²	SST1	SSTKITP1	SSTKITD1	SSTKITL1
Advanced Body + Probe ²	SST3	SSTKITP3	SSTKITD3	SSTKITL3
Inclusions	Nylon carrying case with shoulder strap (SST1 and SST3 only)	PosiPatch (5) Standard Magnetic Ring* Syringe and Plastic Tip (2) 250 ml Dl Water Cup (5) Hard-shell Carrying Case	DeFelsko Adhesive Patch (25) ————— Syringe and Needle (2) 250 ml Dl Water Cup (5) Hard-shell Carrying Case	Latex Adhesive Patch (25) Syringe and Needle (2) 250 ml Dl Water Cup (5) Hard-shell Carrying Case
	 PosiTector SST Probe Only models come complete with: certified conductivity standard, foam swabs (5), Long For Certificate of Calibration traceable to NIST, instructions, PosiSoft Software, two (2) year warranty. PosiTector SST Standard/Advanced Body + Probe models come complete with: protective rubber holster, certificate of Calibration traceable to NIST, belt clip, wrist strap, 3 // alkaline batteries, instructions, protective lens shield, USB cable, PosiSoft Software, two (2) year warranty. 			

^{*} Substitute the Flexible Magnetic Ring for smaller ID/OD diameters by adding 'F' to the product code (i.e. SSTKITPF, SSTKITPF1, SSTKITPF3).



PosiTector SST Specifications

Range	0 – 1500 μS/cm, 0 – 6000 mg/m², 0.0 – 600.0 μg/cm		
Resolution*	1 μS/cm, 1 mg/m², 0.1 μg/cm²		
Accuracy	+/- 2 μS/cm (0 – 200 μS/cm) +/- 10 μS/cm (>200 – 600 μS/cm) +/- 20 μS/cm (>600 – 1500 μS/cm)		
Temperature Range	0 – 50° C (32 – 122° F)		
Normalization Temperature	25° C (77° F)		
Test Cell Volume	1 ml		

* Hi Res Mode 0.1 µS/cm (0 – 200 µS/cm) SIZE: 165 x 61 x 28 mm (6.5" x 2.4" x 1.1") WEIGHT: 140 g (4.9 oz.) without batteries

PosiPatch Starter Kit (SSTKITPATCHP)

For use with existing conductivity meters. Try the revolutionary, reusable PosiPatch with a low cost trial pack.

Includes: PosiPatch (5), syringe (2), dispensing tip (2), and standard magnetic ring.

Abrasives Test Kit (SSTABRKIT)

Measure the concentration of soluble salts in blast cleaning abrasives in accordance with ASTM D4940 and ISO 11127-6.

Includes: 600 ml glass beaker, 100 ml glass beaker, plastic funnel, 600 ml plastic mixing beaker, 60 ml (2 oz.) Certified Conductivity Standard, 1 liter deionized water (type II), 100 circle filters (125 mm), stainless steel mixing rod, instruction card and certificate of analysis

Replacement Patches

PosiPatch (5 pack) PosiPatch (24 pack)	SSTPATCHP5 SSTPATCHP24	
Standard Magnetic Ring for PosiPatch	SSTRING	
Flexible Magnetic Ring for PosiPatch	SSTRINGF	
DeFelsko Adhesive Patch + needle (25 pack)	SSTPATCHD25	
Latex Adhesive Patch + needle (25 pack)	SSTPATCHL25	

Consumables

Plastic Dispensing Tips (10 pack) — for use with the PosiPatch Needles (10 pack) — for use with adhesive patches 3 ml syringes (10 pack) — for use with dispensing tips and/or needles 30 ml Cups (10 pack) — sterile, single-use cups ensure measurement accuracy Certified Conductivity Standard (60 ml, 2 oz.) — to verify probe accuracy Deionized Water (250 ml [8 oz.] or 1L [33.8 oz.]) — purified, ion-free water Foam Swabs (5 pack) — for cleaning the probe's test cell Circle Filters (100 pack) — 125 mm for use with Abrasives Test Kit

Conforms to ISO 8502-6/8502-9, US Navy NSI 009-32, US Navy PPI 63101-000, AS 3894.6, IMO MSC.215(82), IMO MSC.244(83), SSPC Guide 15, ISO 11127-6, ASTM D4940

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