**PosiTector® SST Specifications**

- **Range**: 0 – 1500 µS/cm, 0 – 6000 mg/m², 0.0 – 600.0 µg/cm²
- **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

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

**Ordering Guide**

<table>
<thead>
<tr>
<th>Gage/Probe Only</th>
<th>Kit P: PosiPatch Kit</th>
<th>Kit D: DeFelsko Adhesive Patch Kit</th>
<th>Kit E: Latex Adhesive Patch Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probe Only¹</td>
<td>SSTKTP</td>
<td>SSTKT0</td>
<td>SSTKL0</td>
</tr>
<tr>
<td>Standard Body + Probe²</td>
<td>SSTKTP1</td>
<td>SSTKT01</td>
<td>SSTKT1L</td>
</tr>
<tr>
<td>Advanced Body + Probe³</td>
<td>SSTKTP3</td>
<td>SSTKT03</td>
<td>SSTKT1L3</td>
</tr>
</tbody>
</table>

¹ PosiTector SST Probe Only models come complete with: certified conductivity standard, foam swabs (5), Long Form Certificate of Calibration traceable to NIST, instructions, PosiSoft Software, two (2) year warranty.

² PosiTector SST Standard/Advanced Body + Probe models come complete with: protective rubber holster, certified conductivity standard, foam swabs (5), Long Form Certificate of Calibration traceable to NIST, belt clip, wrist strap, 3 AAA alkaline batteries, instructions, protective lens shield, USB cable, PosiSoft Software, two (2) year warranty.

³ Inclusions
- Nylon carrying case with shoulder strap (SST1 and SST3 only)
- PosiPatch (5)
- Standard Magnetic Ring*
- Syringe and Plastic Tip (2)
- 250 ml DI Water
- Cap (5)
- Hard-shell Carrying Case
- De-felsko Adhesive Patch (25)
- Syringe and Needle (2)
- 250 ml DI Water
- Cup (5)
- Hard-shell Carrying Case
- Latex Adhesive Patch (25)
- Syringe and Needle (2)
- 250 ml DI Water
- Cup (5)
- Hard-shell Carrying Case

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**PosiTector SSTKTP1 shown**

**PosiPatch Starter Kit (SSTKITPATCH)**

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.

**Abrasive Test Kit (SSTABRTK)**

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 distilled water (type II), 100 circle filters (125 mm), stainless steel mixing rod, instruction card and certificate of analysis.

**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 cup ensure measurement accuracy
- Certified Conductivity Standard (60 ml, 2 oz.) — to verify probe accuracy
- Deionized Water (250 ml) (6 oz.) or 1 L (33.8 oz.) — pure, ion-free water
- Foam Swabs (5 pack) — for cleaning the probe’s test cell
- Circle Filters (100 pack) — 125 mm for use with Abrasive Test Kit
- Abrasives Test Kit


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**Defelsko Corporation**

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**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, SUTP, IMI and US Navy

**Versatile**
- PosiTector body accepts all PosiTector SST, 6000, 300, RTR, SPG, DPM, SHD and UTG probes easily converting to 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

**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 350 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
  - Stores thickness, profile, environmental, wall thickness, hardness and salt contamination measurements in individual batches

**FREE SOLUTIONS for viewing, analyzing and reporting data:**

- PosiSoft
  - For easy viewing, analyzing and reporting data:
  - Includes ALL features as shown above plus...
    - Storage of 250 readings—stored readings can be viewed or downloaded

**DeFelsko Patch**
- Self-adhesive, polyurethane patches
- For measuring salt contamination in accordance with ISO 8502-6.9
- Low-tack adhesive for easy patch removal with no residue to clean
- Works on nearly any material or surface geometry
- Latex-free
- Lower cost than latex patch
- Easy-to-use in any orientation

**Specifications**

| Test Area* | 1250 mm² |
| Test Volume | 2 - 3 ml |
| Patch Diameter | 44.4 mm (1.75 in.) |
| Magnetic Ring Diameter | 66.5 mm (2.6 in.) |
| Background Contamination* | < 3 mg/m² |

* Certificate included

**PosiPatch**
- 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 0/0D diameters >10 cm (4 in.)
- Automatic air removal through a watertight, air permeable membrane
- No sharp, no needles! Safe, flexible dispensing tip mates with PosiPatch
- Comparable price to latex patches
- Reusable magnet-pending PosiPatch saves time and money
- Easy-to-use in any orientation

**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

**Innovative...**
- PosiPatch attaches to steel surfaces using a unique magnetic ring

**Latex Patch**
- 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
**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 (µg/cm² or µg/m²)
- 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, IMI and US Navy

**Versatile**
- PosiTector body accepts all PosiTector SST, 6000, 300, 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
- Comparator display languages
- High contrast reversible color LCD with backlit display
- Selectable display languages
- Adjustable for various patch volumes
- A selection of kits include everything needed to retrieve and analyze the concentration of soluble salts on surfaces
- Adjustable for various patch volumes
- Works on nearly any material or surface geometry

**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
- PosiTector USB Drive — stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorer. No software required.
- Includes PosiTector 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 PosiTector.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
- Field programmable for measuring thickness, hardness and salt contamination

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**PosiTector SST Bresle Method Patch Options**

**PosiPatch**
- 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 ISO/US 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

**DeFelsko Patch**
- Self-adhesive, polyurethane patches
  - For measuring salt contamination in accordance with ISO 8502-6,9
  - Low-tack adhesive for easy patch removal with no residue to clean
  - Works on nearly any material or surface geometry
  - Latex-free
  - Lower cost than latex patch
  - Easy-to-use in any orientation

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**PosiSoft® FREE SOLUTIONS for viewing, analyzing and reporting data:**

**Innovative...**

**PosiPatch attaches to steel surfaces using a unique magnetic ring**

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**DeFelsko Patch**

**Latex Patch**

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

- **Range**: 0 – 1500 µS/cm, 0 – 6000 mg/m², 0.0 – 600.0 µg/cm²
- **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)
- **Normalizing Temperature**: 25°C (77°F)
- **Test Cell Volume**: 1 ml

**Consumables**

- **Plastic Dispensing Tips (10 pack)** — for use with the PosiPatch
- **Syringes (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, stainless steel mixing mill, instruction card and certificate of analysis

**Replacement Patches**

- **PosiPatch (5 pack)**
- **PosiPatch (24 pack)**
- **DeFelsko Adhesive Patch + needle (25 pack)**
- **Latex Adhesive Patch + needle (25 pack)**

**Abrasives Test Kit (SSTABRKIT)**

- Measures 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 mill, instruction card and certificate of analysis.

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<td>PBSSST</td>
<td>SSTKTP</td>
<td>SSTKT0</td>
</tr>
<tr>
<td>Standard Body + Probe²</td>
<td>SST1</td>
<td>SSTKTP1</td>
<td>SSTKT01</td>
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<tr>
<td>Advanced Body + Probe³</td>
<td>SST3</td>
<td>SSTKTP3</td>
<td>SSTKT03</td>
</tr>
</tbody>
</table>

- **Inclusions**
  - PosiPatch (5)
  - Syringe and Needle (2)
  - 250 ml DI Water
  - Cup (5)
  - Hard-shell Carrying Case

- **Substitute the Flexible Magnetic Ring for smaller ID/OD diameters by adding ‘F’ to the product code (i.e. SSTKITPF, SSTKITPF1, SSTKITPF3).**

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**PosiTector SST Kit (SSTKITSSTKIT)**

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.

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**PosiTector P5 starter Kit (SSTKITSSTPATCH P5)**

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

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

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**PosiTector SSTKTP1 shown**

- **Nylon carrying case with shoulder strap (STT1 and STT3 only)**
- **PosiPatch (5)**
- **Standard Magnetic Ring**
- **Syringe and Plastic Tip (2)**
- **250 ml DI Water**
- **Cup (5)**
- **Hard-shell Carrying Case**

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**Innovative PosiPatch...**

- No adhesive residue
- Automatic air removal
- No sharps, no needles!

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