PosiPen®
Coating Thickness Gage

Instruction Manual v.2.1

For measuring dry non-magnetic coatings on steel.

PosiPen has two scales, mils (inch) and microns (metric)

![Mils Scale](image)

![Microns Scale](image)

<table>
<thead>
<tr>
<th></th>
<th>English</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Range</strong></td>
<td>0.25 - 20 mils</td>
<td>5 - 500 microns</td>
</tr>
<tr>
<td><strong>Tolerance</strong></td>
<td>+/- (10% and 0.1 mil)</td>
<td>+/- (10% and 2.5 microns)</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>-150º F to +450º F</td>
<td>-100º C to +230º C</td>
</tr>
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</table>

The PosiPen is designed to measure on surfaces with extreme temperatures.
Operation:
Be sure the surface to be measured is clean and free from oil and grease. Hold the *PosiPen* at a right angle to the surface to be measured. Place the tip of the *PosiPen* on the coated surface and allow the magnet to contact.

Pull the *PosiPen* straight back from the object while keeping close watch on the appropriate indicator. Note the reading when the magnet releases. Repeat if necessary.

Indicators:
The *PosiPen* compensates for gravity when measuring in different positions. When possible, hold the Gage horizontal, as for wall measurements.

1. Use the **red/silver** joining line when the Gage is horizontal (walls).
2. Use the **green** line when the Gage is pointing straight down (green=ground).
3. Use the **blue** line when the Gage is pointing straight up (blue=sky).

Calibration:
The *PosiPen* is shipped with a Certificate of Calibration. To verify gage accuracy, use only traceable coated thickness standards.

Care:
Always return the *PosiPen* to its pouch. Extend the magnet to remove debris with a cloth or dry paint brush.

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