

NEW

Elcometer 456

IPC Dry Film Thickness Gauge

elcometer®
inspection equipment

Pre-calibrated with 4 surface profiles to measure dry film thickness on shot or grit blasted substrates

● No calibration required - just select the relevant surface profile and start measuring

● Easy to use straight from the box - minimum training required

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

- Pre-calibrated with 4 profile ranges
- Displays 3 individual readings together with the average
- Built in integral probe measures in mils or microns
- Measures on flat or curved surfaces
- Bluetooth® to PC, iOS & Android™ devices



Made for

 iPod  iPhone  iPad

Android™ 

available with
 **Bluetooth®**
wireless technology

 compatible with
ElcoMaster.

Elcometer 456

IPC Dry Film Thickness Gauge

The Elcometer 456 Industrial Protective Coating Thickness Gauge is pre-calibrated to measure DFT on shot or grit blasted steel substrates.

STANDARDS:

ASTM D7091, ISO 2808, ISO 19840, SSPC PA-2, US Navy NSI 009-32

Pre-calibrated with 4 profile ranges:

Profile	Metric	Imperial
Smooth	0-25µm	0-1mil
Fine	25-60µm	1-2mils
Medium	60-100µm	2-3mils
Coarse	>100µm	3-4mils

Displays 3 individual readings together with their average in microns or mils

Built in integral probe for stable, repeatable readings on flat or curved surfaces



Easy to use menu structure in multiple languages:

English, French, Spanish, German, Chinese & Japanese

USB or Bluetooth® data output to the ElcoMaster® App or your own software application



Elcometer 456 IPC: Made for iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPad Air 2, iPad mini 3, iPad Air, iPad mini 2, iPad (3rd and 4th generation), iPad mini, iPad 2, and iPod touch (4th and 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.

IPC Dry Film Thickness Gauge

Elcometer 456

Pre-calibrated with 4 profile ranges, the Elcometer 456 IPC Gauge is fast and very easy to use.

- No need to calibrate just select the relevant surface profile and start measuring
- Easy to use straight from the box - minimal training required
- Readings can be transferred via Bluetooth® or USB to ElcoMaster® or your own software application for instant report generation and record keeping



Technical Specification

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Part Number	Description	Certificate
A456CFI1-IPC	Elcometer 456 IPC Dry Film Thickness Gauge	●
Built in probe type	Ferrous	
Reading Rate	70+ readings per minute	
Range	0 - 1500µm (0 - 60mils)	
Resolution	10µm / 1mil (where 5µm / 0.5 mil is rounded up)	
Accuracy**	±5%	
Minimum Substrate Thickness	300µm (12mils)	
Operating Temperature	-10 to 50°C (14 to 122°F)	
Power Supply	2 x AA batteries (rechargeable batteries can be used)	
Battery Life†	Alkaline: Approx. 16 hours Lithium: Approx. 24 hours	
Weight (including batteries)	156g (5.5oz)	
Gauge Dimensions	141 x 73 x 37mm (5.55 x 2.87 x 1.46")	
Packing List	Elcometer 456 IPC Gauge, calibration foils, wrist harness, protective case, 1 x screen protector, USB cable, test certificate, 2 x AA batteries & user guide.	

* Elcometer 456 IPC gauge are supplied with a one year warranty against manufacturing defects. The warranty can be extended to two years via www.elcometer.com

** When in test calibration mode † Rechargeable batteries may differ

● Certificate supplied as standard.



elcometer[®]
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Elcometer 456 IPC: Made for iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPad Air 2, iPad mini 3, iPad Air, iPad mini 2, iPad (3rd and 4th generation), iPad mini, iPad 2, and iPod touch (4th and 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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