

Blastrite (Pty) Ltd
 P.O. Box 5515
 Cape Town
 South Africa
 Tel. : +27 21 417 1700
 Fax. : +27 21 425 2341
 E-mail : sales@blastrite.com

Commercial Information
SURFACE PREPARATION INNOVATION

Version Date: January 2011

Title: Elcometer 456 Dry Film Thickness Gauge

ELCOMETER 456 DRY FILM COATING THICKNESS GAUGE

Elcometer's digital coating thickness gauges are accurate, simple to interpret, small and portable for the measurement of coatings on all metal surfaces.

The Elcometer 456 is ideal for non-destructively measuring coatings on ferrous substrates including steel, mild steel, cast iron, magnetic stainless steel. It is also ideal for measuring coatings on non-ferrous substrates including: aluminium, copper, brass, and on dual media, i.e. both ferrous and non-ferrous substrates.



Application

Typical applications are paint on steel, galvanising, anodising and powder coating. users include painting contractors, galvanizers, anodizers, powder coaters, motor vehicle manufacturers and panel beaters / motor body repair industry.

Features & benefits

- Simple calibration feature to make testing even quicker
- Integral and separate probe models available (including miniature probe)
- *Bluetooth*® wireless technology for fast data transfer to ElcoMaster Software™, ideal for easy report generation and archiving of readings
- Can connect to PDAs and mobile phones for instant reporting and e-mailing from the field
- Backlight for use in low lighting conditions
- Full statistical data display allows the user to view all or any statistics from number of readings, mean, standard deviation, highest & lowest reading and coefficient of variation

Technical information

	Specification
Measurement Speed :	Greater than 60 readings per minute
Accuracy :	+/- 1 to 2% using two point Calibration (3% Full Scale)
Display :	STN Graphics (LCD), 128 x 64 pixels; 19.8 x 39.6mm
Battery Type :	2 x AAA (LR03) Rechargeable batteries can be used
Battery Life	30 - 40 hours continuous use with alkaline dry batteries (15,000 - 20,000 readings at an average of readings per minute)
Minimum Substrate Thickness and Measurement Options :	8 Ferrous: 0.3mm; Non-Ferrous: 0.1mm unless special calibration adjustment Ferrous (F), Non Ferrous (NF) and Dual (FNF) is made
Operating Temperature :	0 - 50°C
Dimensions :	128 x 68 x 28mm
Weight (incl. Dry Batteries):	130g

Note: Meets IMO MSC 215 (82) & MSC 216 (82) performance standard for protective coatings in ballast tanks

SURFACE PREPARATION INNOVATION

Portable/Stationary Abrasive Blast Equipment - Nozzles - Nozzle Holders - Hoses - Couplings - Lighting
 Wetblast Equipment - High Pressure Waterjetting - Personal Protection - Blast Cabinets - Dehumidifiers
 Blastrooms Vacuum Blast/Recovery Equipment - Portable/Stationary Wheelblast Equipment
 Pipe Cleaning/Coating - Air Treatment - Mobile Dust Collectors - Media - Paintspray Equipment
 Plural Component - Measuring Instruments