

**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:** March 2011

**Title:** Elcometer Surface Profilers

**ELCOMETER 125 SURFACE COMPARATOR**

Allows the estimation of surface roughness, by both touch and sight.



**Features & benefits**

- Available in both Grit and Shot comparators
- The only comparator that conforms to ISO 8503 Parts 1 and 2
- Can be used in accordance with: ASTM D4417 method A and ISO 8503 Parts 1 and 2
- Section profiles for grit ranging from 25, 60, 100, 150 mic, and for shot ranging from 25, 40, 70, 100 mic.

**ELCOMETER 224 DIGITAL PROFILE GAUGE**

Provides the very latest in surface profile technology. Accurate and user friendly, this surface profile gauge is available either with (Elcometer 224 Model T) or without memory (Elcometer 224 model S) and statistics.



**Features & benefits**

- Accurate, immediate and repeatable results
- Large backlit screen makes viewing readings easy
- Statistics calculated and displayed in real time
- Stores up to 50,000 readings in 999 batches, which can be downloaded to a PC and reports created in seconds, using ElcoMaster™ (Model T only)
- Tough tungsten carbide tip, replaceable in the field, can be used for up to 20,000 readings
- Roughness measurement and blast profiles to ASTM-D-4417.B and SABS 772

**Technical information**

| Model                 | Elcometer 224 Model S   | Elcometer 224 Model T |
|-----------------------|-------------------------|-----------------------|
| Range                 | 0µm to 500 µm           |                       |
| Accuracy              | ± 5 % or ± 5 µm         |                       |
| Resolution            | 1µm                     |                       |
| Measurement speed     | >40 readings per minute |                       |
| Operating temperature | 0°C to 50°C             |                       |
| Storage temperature   | -10°C to 55°C           |                       |
| Dimensions            | 140 x 75 x 35mm         |                       |
| Weight                | 180g                    |                       |

**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

## ELCOMETER 124 THICKNESS GAUGE

Measures the peak-to-valley height of a surface profile formed in 122 Testex Tape. It can be used in accordance with: ISO DIS 8503 – 3, BS ISO 8503-5, ASTM D 4417 – C, BS 7079-C5, and NACE RP 0287-95 standards, and is available in both metric and imperial versions.

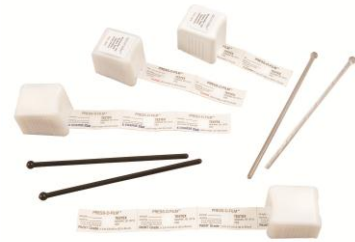


### Technical information

| Specification    |              |
|------------------|--------------|
| Range            | 0-5mm        |
| Dimensions       | 110X100 15mm |
| Scale Resolution | 2µm          |
| Weight           | 270g         |

## ELCOMETER 122 TESTEX TAPE

- Available in a range of tape grades to for greater accuracy
- Tape after measurement can easily be held for record
- More accurate than touch and sight comparators
- Creates a permanent mould of the profile



### Technical information

|                 | 122 COARSE      | 122 COARSE      | 122 X-COARSE PLUS |
|-----------------|-----------------|-----------------|-------------------|
| Range*          | 20 - 50 microns | 20 - 50 microns | 20 -200 microns   |
| Test Area       | 19mm x 54mm     | 19mm x 54mm     | 19mm x 54mm       |
| Number of tests | 50 per roll     | 50 per roll     | 50 per roll       |

**NOTE:** It is important that the tape grade chosen is reflective of the profile under measurement

## 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