

EBAN PAINT THICKNESS METER c/w PROBE



GENERAL DESCRIPTION

The Eban 2000 Mk2 is a Top Performance Coating Thickness Meter and is a very accurate, low cost, high quality instrument which has a slimline ergonomic sealed case with integral hand-strap and is supplied with all the necessary accessories for immediate operation in the most rugged site or laboratory situation.

No expense has been spared in providing high quality components throughout, with a detachable probe, coloured foam filled carrying case, large character easy to read display with digit code assistance for the features selected. A range of (F) Ferrous and (N) Non-Ferrous models are available.

Low Cost

We believe that this instrument is possibly one of the best value for money products currently available.

Operation

Very simple to use, press the ON keypad to switch the instrument on, place the probe on the coating to be measured, the Eban 2000 Mk2 instrument will beep and the measurement will be displayed, this will be retained on the display until next measurement is taken.

Touch Pad Calibration

Calibration is simplicity itself. Place the probe on the uncoated substrate and press the ZERO keypad. Then place a calibration foil on the same location and place the probe on this foil, press the CAL keypad and simply type in

the foil value on the keypad. The instrument is now ready to take measurements. Variable Calibration is an important feature which will cater for Different substrate Shapes / Blast cleaned profiles / Grain structures / Permeability etc.

Measuring probe features

With any coating thickness meter one of the most important parts is the one which does the most work and this is of course the measuring probe. The standard probe supplied with the Eban 2000 Mk2 (F) has a number of inbuilt features which considerably extends the measurement capability. The Eban 2000 Mk2 instrument has a detachable measuring probe which has approx. 1 metre of cable.

Can measure easily on curves: There is a 'V' cutout on the ferrous probe thus allowing easy measurements on curved surfaces.

Probe is spring loaded ensuring that a constant pressure is applied to all measurements.

Can measure close to edges and vertical masses of metal without changing reading.

Can measure intermittently on Hot Work up to 400 degrees Celsius.

(F) Ultra hard tip, (N) Jewelled tip, both have a minimal wear factor giving long probe life.



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Accredited to BS EN ISO 9001:2000

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TECHNICAL SPECIFICATIONS

Choice of user options

A range of Low Cost optional features can be installed to meet your particular measurement requirement, simply specify these either at the time of ordering or at any time later.

Features in as standard

Micron / Mil conversion: Displays both Metric microns and Imperial Thous / USA Mills

Feature options A

Mean / Average: Gives mean / average for all measurements
No of readings: Shows the number of readings taken
Max / Min: Gives maximum or minimum measurement taken
Standard Deviation: The Standard Deviation of measurements taken
Hi / Lo Limits: Pass / Fail with audible & visual alarm

Feature options B

Profile: Allows calibration on blast cleaned surface
Key lock: Keypad security, prevents unauthorised use
All models supplied with Measuring Probes, Foam filled Briefcase, Set of 8 Precision Measured.

Keypads

The keypads are high quality each having a definite click and are well spaced for easy finger operation. There is also an audible beep when each key is pressed.

Auto turn off

The Eban 2000 Mk2 will automatically switch off if no measurements have been taken for approx. 3 minutes.

Battery

Operates from one 9V PP3 type battery. Battery life is approx. 12+ hours. A 'Lo Ba t' warning appears on the display when the battery requires replacing.

Accuracy

Capable of an accuracy of up to $\pm 1\%$ when referred to suitable reference standards.

Dimensions

Instrument size: 211mm(L) x 100-81(W) x 26(H)
Carrying case 386mm(L) x 330(H) x 86(W)
Instrument weight: 0.48kg (inc. bat & probe)
Carrying case filled: 1.58kg
Packed weight: 2.06kg

Complete equipment schedule

The Eban 2000 Mk2 instrument is supplied complete and ready to use with, Detachable measuring probe, Set of precision measured calibration foils, Precision Zero Calibration Disk, Battery fitted, Foam filled Carrying Case or Site Carrying Case if preferred, Instruction Booklet.



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