

METAL SHEET AND COIL COATING CURE PROFILER

CX3080

DATASHEET

PRODUCT DESCRIPTION

The Metal sheet and coil coating cure profiler monitors the temperature profile of the coil strip at various points across its width as it is fed through the oven.

Without stopping the line, the Metal sheet and coil coating cure profiler can be put on the moving coil. It is not possible to mount this system on vertical coil production facilities.

**FEATURES**

- Six measuring points – 3 air and 3 surface
- Easy grab handle
- Insulation box: Max. temperature 300°C, height 70 mm

SCOPE OF SUPPLY

- Special bracket
- CurveX 3 Standard logger CX3015
- Ideal Finish Analysis software
- Insulation Box CX2003
- 3x Wire- type probes CX2063
- 3x Clamp Type Air probes CX2020

ORDERING INFORMATION

CX3080 Metal sheet and coil coating cure profiler

SPECIFICATIONS**SPECIAL BRACKET:**

Material aluminium, stainless steel
width adjustable: 1500mm-1700mm / 59 inch-66,9 inch

PROBES**TQC Clamp type air probe**

Cable length 1500 mm / 59 inch
Range 0 - 300°C / 572 °F
Max. object thickness 20 mm / 0.79 inch

Wire- type probe for air and surface

Cable length 1500 mm / 59 inch
Range 0 - 300°C / 572 °F

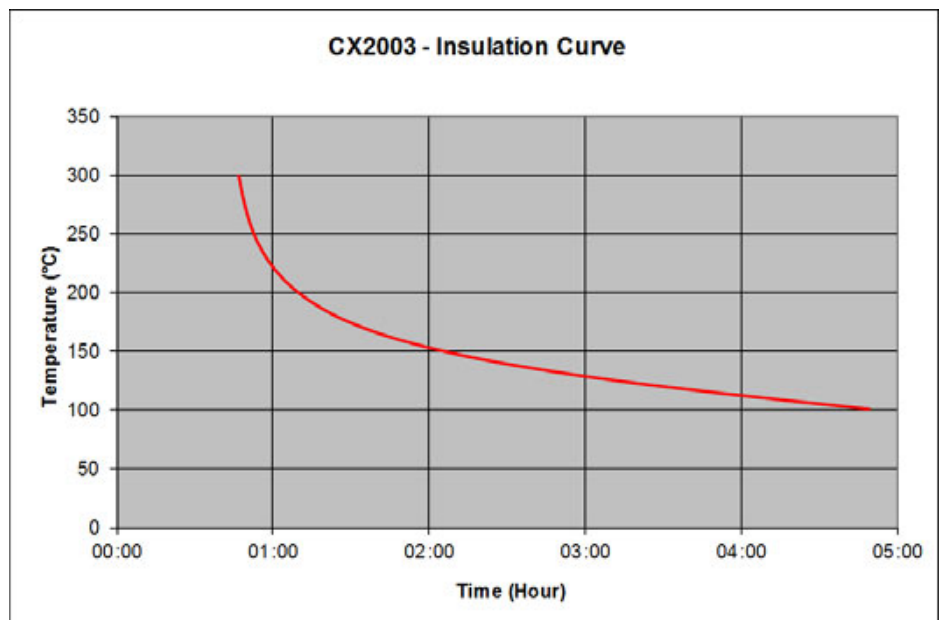
OVEN LOGGER

Dimensions	85 x 105 x 30 mm / 3.4 x 4.1 x 1.2 inch
Channels	6 probes
Measuring range	-50°C to +1.200°C / -58°F to +2.200°F
Accuracy:	±0.3°C / 0.6°F
Resolution	0.1°C / 0.2°F
Memory	10 batches with 25300, or 1 batch with 253000 readings.
Battery	3 x 1,5V, Type AA
Interface	USB

INSULATION BOX

Width	200 mm (7,9 inch)
Weight	2650 gram (94 ounce)
Height	70 mm (2,8 inch)
Length	250 mm (9,9 inch) + 30 mm (1,2 inch) – handle

Tested in combination with the energy absorber CX2014 (a high density energy-collecting media) with a start temperature of 20°C (68°F).

**SOFTWARE**

Supported Operating Systems	Windows Vista, Windows 7, Windows 8 and Windows 8.1
Software Requirements	Platform: 32b or 64b Memory: 32MB Hard Disk space: 128 MB

SPECIAL CARE

- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means like wire brush or abrasive paper. This may cause, just like using aggressive cleaning agents, permanent damage.
- Do not use compressed air to clean the instrument.
- Always keep the instrument in its case when not in use.
- We recommend annual calibration

SAFETY PRECAUTIONS

- Not suitable to be put in the sun or in the high light
- Avoid using it in over-high or over-low temperature environment
- Avoid humidity
- Always make sure the instrument's power is turned off while adjusting any electric component

DISCLAIMER

The right of technical modifications is reserved.

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