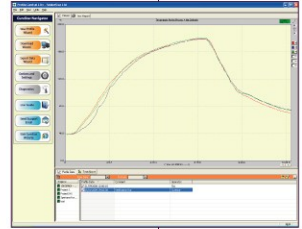


Applications

Powder coating
Painting
MDF Finishing
Coating and curing

curestar★
Pro



Professional Profiling for the Finishing Industry

Designed specifically for powder coating and paint curing applications, the CureStar system contains everything required to capture, analyse and optimise the temperature profile of your cure process.

The instrument records the temperature profile from your product during processing in the cure oven. At the end of the cure cycle the data recorded is then downloaded and stored on a PC.

Software tools allow the cure %, peak temperatures, temperature gradients and times at temperature to be quickly and accurately determined.

This allows oven settings to be optimised for best quality, highest throughput and lowest energy costs.

System Highlights

- Capture and save real temperature profiles from your product work piece whilst being cured.
- Easily and quickly evaluate and introduce new finishes.
- Assists in audit trail generation for customers and/or QA systems.
- Pinpoint potential problems with your process and plant before they impact quality.
- Can be used on batch and conveyorised processes.
- Optimise your oven settings for best process quality, throughput and lowest cost.

Datalogger

Technical Data

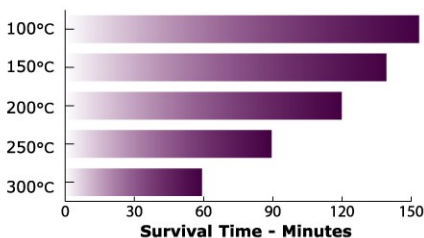
Size / Weight	203 mm x 50 mm x 9 mm, 150 g
Channels	4 or 6 - Type K
Memory Size	65,500 Memory Points
Recording Rate	0.1s to 10 Hours
Measurement Range	-150 °C to 1250°C
Accuracy	+/- 1°C
Maximum Temperature	+85 °C (Automatic Protection Shutdown)
Battery	Rechargeable High Temperature NiMH
Communications	USB

Heatshield

Technical Data

Model Number	HS-PC-85-125-355
Size	85(H) x 125(W) x 355(L) mm
Weight	2.3KG Including heatsink
Material	Welded 316 Stainless Steel

Thermal Protection Duration



Temperature Probes

A wide selection of specially designed probes are available allowing efficient capture of your profiles.



Clamp & Magnetic Surface Probes

Clamp & Magnetic Air Probes

Exposed Junction Probes

Patch Surface Probes

Standard Equipment

4 or 6 Channel USB Datalogger
Protective Thermal Shield
AbsorBAR Thermal Heatsink
Download/Charge Cable
PC Software on CDROM
Calibration Certificate
Equipment Bag

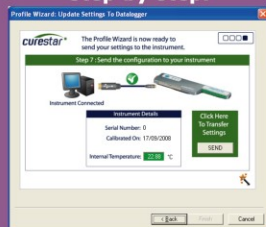
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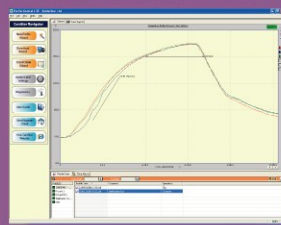
Technical data may be subject to change without notification.

CureStar Software 'Simplicity Itself'

Profile Wizard takes you
step by step.



Produce process graphs
and documentation.



Analyse your process
without making any manual
measurements.

Channel	1 x 100	1 x 150	1 x 200	1 x 250	1 x 300
Channel 1	22.00	23.00	23.00	23.00	23.00
Channel 2	22.00	23.00	23.00	23.00	23.00
Channel 3	22.00	23.00	23.00	23.00	23.00
Channel 4	22.00	23.00	23.00	23.00	23.00
Channel 5	22.00	23.00	23.00	23.00	23.00
Channel 6	22.00	23.00	23.00	23.00	23.00
Channel 7	22.00	23.00	23.00	23.00	23.00
Channel 8	22.00	23.00	23.00	23.00	23.00
Time	00:00	00:00	00:00	00:00	00:00

Automatic cure index
calculations.

