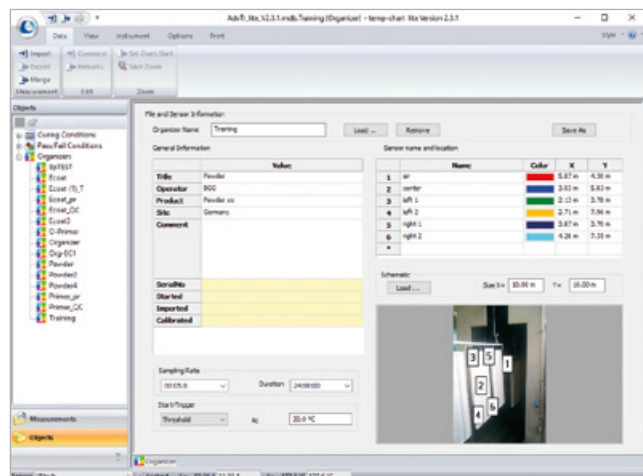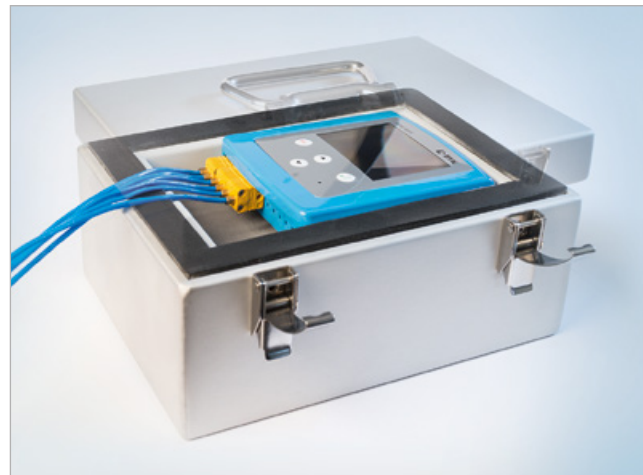# temp-gard *basic*

The temp-gard *basic* temperature recorder system consists of a small logger with a large, easy-to-read color display, a robust yet light weight thermal barrier and temp-chart *basic* software for fast and easy Pass/Fail data analysis. The ideal solution for industrial coating applications: all you need to control and optimize your baking process.

Compact Thermal Barrier

The thermal barrier is robust, yet compact and easy to carry. The thermal characteristics are designed with a temperature buffer to be safe for all common coatings – waterborne, solventborne or powder - up to 2 hours at 250°C. The robust anodized aluminum housing is chemical resistant and its cooling elements are handy.

temp-chart basic– Easy Data Analysis

temp-chart *basic* offers all essential parameters for analysis and optimization of your curing process. The use of Organizers standardizes the measurement analysis. Based on the curing conditions of your coating system the Pass/Fail analysis will show when the Cure Index or other critical values were exceeded. Measurement reports are user definable.

Certified

Please refer to section
Preventive Maintenance.

Ordering Information

Cat. No.	Description
3341	temp-gard basic
3345	temp-gard basic C
3346	temp-gard basic, no probes

Comes complete with:
temp-gard 6p data logger
6 probes
Thermal barrier *basic*
Set of heat sinks *basic*
temp-chart *basic* software
Interface cable to PC
2 AA Alkaline batteries
Operating manual
Certificate
Carrying case
1/2 day training

Extended Warranty: see pages about Technical Service

System Requirements:
Operating system: Windows® 7 or higher
Memory: min. 1 GB RAM
Hard-disk capacity: min. 100 MB
Monitor resolution: XGA (1024 x 768) or higher
Interface: USB port

Technical Specifications

Probes

6 magnetic probes = one air probe, 5 object probes

6 clamp probes = one air probe, 5 object probes

6 probe connections at logger; No probes*

Accuracy	± 0.5 °C
Resolution	0.1 °C (0.18 °F) from 0 - 400°C (32 - 752 °F)
No. of Channels	6
Memory	240,000 readings
Sampling Interval	0.1 sec up to 5 min
Temperature Range	0 - 400 °C (32 - 752 °F)
Battery Capacity	0.5 sec interval = 25 hrs (AA Alkaline)
Display	Color, 79 x 60 mm (3.1 x 2.4 in)
Interface	USB 2.0
Thermal Barrier Dimensions	270 x 215 x 140 mm (10.6 x 8.5 x 5.5 in)
Weight	4.3 kg (9.5 lbs)
Maximum Duration	at 100 °C, 8.5 hrs;
	at 200 °C, 2.5 hrs;
	at 250 °C, 2.0 hrs