

temp-gard basic

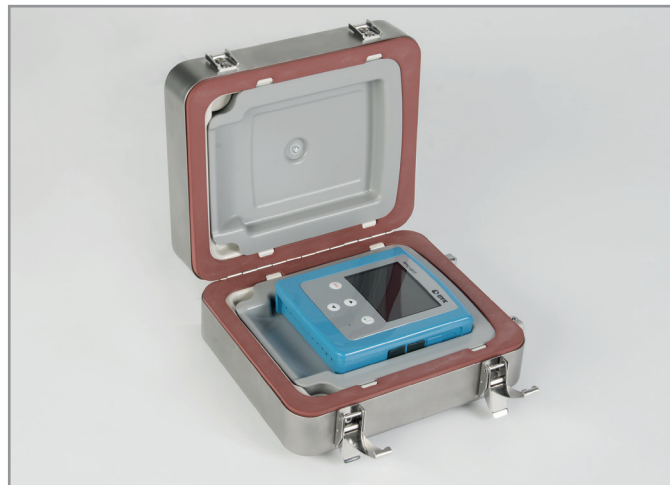
Temperature data logger for QC

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.



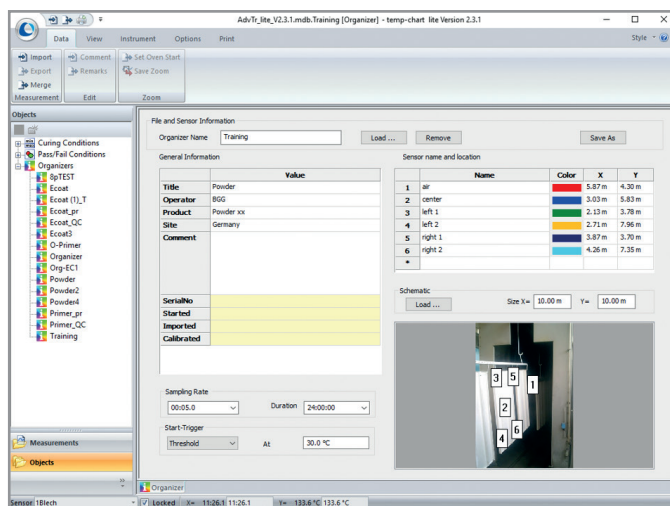
Compact Thermal Barrier

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.



Temperature Probes for Any Application

High quality thermocouple type "K" with special limits of error 1.1 °C or 0.4 % (ANSI MC 96.1)

- Magnets or clamps do not influence measurement results
- Connection cable of 1.5 m (59 in), 3 m (118 in) and 8 m (315 in) length available (see table)
- Response time for 100 % measuring range from 5 seconds to 2.5 minutes depending on probe style
- Can be used as replacement probes for other datalogger brands





Catalog Number	3341	3345	3346
Short Description	temp-gard basic	temp-gard basic C	temp-gard basic, no probes
Probe Type	magnetic	clamp	no probe
Temperature Range	0 - 400 °C 32 - 752 °F		
Accuracy	± 0.5 °C		
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*
Resolution	0.1 °C (0.18 °F) from 0 - 400°C (32 - 752 °F)		
No. of Channels	6		
Sampling Interval	0.1 sec up to 5 min		
Thermal Barrier Dimensions	27 x 21,5 x 14 cm (10,6 x 8,5 x 5,5 in)		
Maximum Duration	at 100 °C, 8.5 hrs; at 200 °C, 2.5 hrs; at 250 °C, 2.0 hrs		
Memory	240,000 readings		
Interface	USB 2.0		
Display type or no display without placeholder	Color, 7.9 x 6 cm (3.1 x 2.4 in)		
Battery Capacity	0.5 sec interval = 25 hrs (AA Alkaline)		
Weight	4.3 kg 9.5 lb		

Delivery Content

Temperature logger (3318)
 6 / no probes depending on model:
 For 3345: Air probe C, 3 m (3128), 5x Object probe A, 3 m (3122)
 For 3341: Air probe D, 3 m (3131), 5x Object probe B, 3 m (3125)
 For 3346: Contains No probes
 Thermal barrier basic (3342)
 Heat sink basic (3343)
 USB interface cable (6337)
 2 AA batteries
 Software temp-chart basic (3344)
 Certificate
 Manual
 Carrying case
 1/2 day training

System Requirements

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

Catalog Number	Short Description	Delivery Content
3342	Thermal Barrier basic	2 Heat sinks
3343	Heat Sink basic	
3318	temp-gard logger 6p	
3038	Adhesive Tape for foil probe	
6337	USB Interface Cable for 6360, 6072-6075	
3344	temp-chart basic	Download Software from www.byk-instruments.com
3121	Object Probe A, 1.5 m	
3122	Object Probe A, 3 m	
3123	Object Probe A, 8 m	
3124	Object Probe B, 1.5 m	
3125	Object Probe B, 3 m	
3126	Object Probe B, 8 m	
3127	Air Probe C, 1.5 m	
3128	Air Probe C, 3 m	
3129	Air Probe C, 8 m	
3130	Air Probe D, 1.5 m	
3131	Air Probe D, 3 m	
3132	Air Probe D, 8 m	
3133	Foil Probe 1.5 m	
3134	Open Probe F, 1.5 m	
3135	Open Probe F, 3 m	
3136	Open Probe F, 8 m	
3137	Extension 3 m	
3138	Extension 5 m	
3143	IR Probe H, 3 m	
3144	IR Probe I, 3 m	
3146	Object Probe G, 1.5 m	
3147	Special Open Probe (0.3 mm)	
3149	Washer Probe J, 3 m	