

temp-gard *basic*

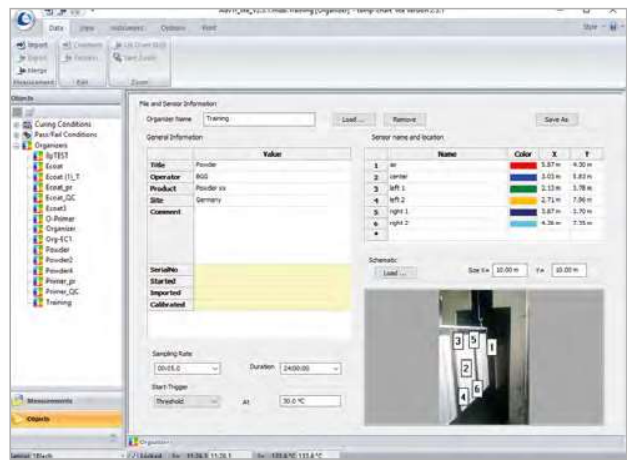
The temp-gard basic temperature recorder system consists of a small logger with a large, easy-to-read color display, a robust yet light weight thermal barrier and temp-chart basic software for fast and easy Pass/Fail data analysis. The ideal solution for industrial coating applications: all you need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



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

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

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	270 x 215 x 140 mm
Dimensions	(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

* Probes must be ordered separately for temp-gard 3346.

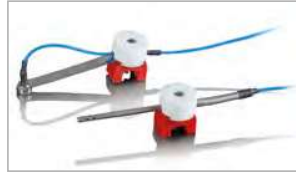
Note: temp-chart licence fee for more than two installations is quantity dependent. Please contact your local BYK-Gardner representative.

temp-gard Accessories

Temperature Probes



Style C Style A



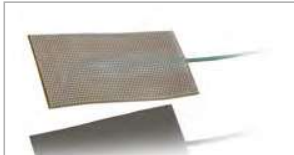
Style B style D



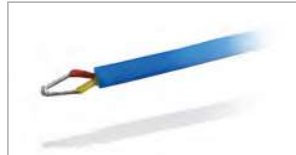
Style F (0.3 mm)



Style J



Style E



Style F



Style H



Style I



Ordering Information

Cat. No.	Description
3121	Object Probe A, 1.5m
3122	Object Probe A, 3m
3123	Object Probe A, 8m
3124	Object Probe B, 1.5m
3125	Object Probe B, 3m
3126	Object Probe B, 8m
3127	Air Probe C, 1.5m
3128	Air Probe C, 3m
3129	Air Probe C, 8m
3130	Air Probe D, 1.5m
3131	Air Probe D, 3m
3132	Air Probe D, 8m
3133	Foil Probe
3134	Open Probe F, 1.5m
3135	Open Probe F, 3m
3136	Open Probe F, 8m
3147	Special Open Probe (0.3mm)
3146	Object Probe G
3149	Washer Probe J
3143	IR Probe H
3144	IR Probe I
3137	Extension 3m
3138	Extension 5m

Accessories

Style	Probe	Length	Attachment	Max Temperature
A	object	1.5 m	clamp	509 °F (265 °C)
A	object	3 m	clamp	509 °F (265 °C)
A	object	8 m	clamp	509 °F (265 °C)
B	object	1.5 m	magnet	509 °F (265 °C)
B	object	3 m	magnet	509 °F (265 °C)
B	object	8 m	magnet	509 °F (265 °C)
C	air	1.5 m	clamp	509 °F (265 °C)
C	air	3 m	clamp	509 °F (265 °C)
C	air	8 m	clamp	509 °F (265 °C)
D	air	1.5 m	magnet	509 °F (265 °C)
D	air	3 m	magnet	509 °F (265 °C)
D	air	8 m	magnet	509 °F (265 °C)
E	foil	1.5 m		509 °F (265 °C)
F	open junction	1.5 m		509 °F (265 °C)
F	open junction	3 m		509 °F (265 °C)
F	open junction	8 m		509 °F (265 °C)
F	open junction	3 m		509 °F (265 °C)
G	object	1.5 m	eyelet 4.5 mm ø	932°F (500 °C)
J	object	3 m	eyelet 6 mm ø	509 °F (265 °C)
H	IR	3 m	magnet	509 °F (265 °C)
I	IR	3 m	clamp	509 °F (265 °C)
	extension	3 m		509 °F (265 °C)
	extension	5 m		509 °F (265 °C)



Ordering Information

Cat. No.	Description
3311	temp-chart pro
3344	temp-chart basic
3325	Thermal Barrier pro
3342	Thermal Barrier basic
3326	Heat Sink pro
3343	Heat Sink basic
3320	temp-gard logger 12p
3318	temp-gard logger 6p
6337	USB Interface Cable
3038	Adhesive Tape for foil probe

Accessories

Additional information
analysis: Cure Index, Cure Chart, graph, critical values, tolerance, QC procedure
analysis: Cure Index, graph, critical values
incl. 2 heat sinks, max duration at 250 °C, 2h
incl. 2 heat sinks, max duration at 250 °C, 2h
1 piece
1 piece
logger with 12 probe connections
logger with 6 probe connections
to connect the logger to the PC, USB-A plug, 3 m length
heat-proof adhesive tape for attachment of foil probes