

Oven Loggermaster

Introduction:

BEVS Oven Loggermaster is robustly comprehensive, intelligent and easy-to-use, which used to measure and store the temperature profiles of both the sample and the oven during the cure process. The record data can be downloaded to PC for a comprehensive evaluation of the conditions in oven.



Technical info:

- ◆ Range: 0-1300°C
- ◆ Accuracy: $\pm 0.3^{\circ}\text{C}$
- ◆ Resolution: 0.1°C
- ◆ Probe type: K
- ◆ Channel quantity: 6
- ◆ Operation temperature: 0-60°C
- ◆ Interval: from 1 second to 1 hour
- ◆ Connect port: USB
- ◆ Batteries: 3×3.7V(16340) rechargeable battery
- ◆ Battery life: 120 hours continuous use
- ◆ Size :87×165×23 mm

Features:

Advanced and high-precision

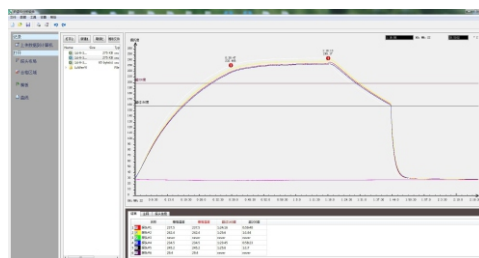
- ◆ An intelligent datalogger specially designed for the coating industry, with an accuracy of $\pm 0.3^{\circ}\text{C}$, the recording interval can be set arbitrarily from 1 second to 1 hour, and the recording temperature range is from 0°C to 1300°C.
- ◆ All parameters can be set directly without connecting to a computer.
- ◆ Directly browse information such as recorded data and temperature curve.
- ◆ Start and stop recording time and date can be preset
- ◆ Optional recording interval
- ◆ The highest measurement temperature range required can be selected to ensure high accuracy result

Intuitive analysis of measurement result

- ◆ Obtain results directly
- ◆ With a USB interface for data downloaded to the PC for a comprehensive analysis and evaluation

Flexible and easy-to-operate analysis software

- ◆ Multifunctional analysis such as measurement data and 2D curve graphics can be performed to judge the quality of the whole oven to optimize the baking cost and improve the product quality
- ◆ Important information such as temperature distribution and user data are gathered in a complete report



Outstanding thermal insulation System

- ◆ Each logger is equipped with a high quality thermal insulation system
- ◆ The insulation box is equipped with advanced stainless steel shell, which can be customized
- ◆ Advanced heat absorber



Heat absorber



Insulation box

Insulation box:

Model	BEVS2308	BEVS2305	BEVS2302	BEVS2303	BEVS2304
Pic.					
Size	230x140x55mm	280x200x70mm	274x226x138mm	297x250x183mm	180x300x400mm
Weight	1.7KG	3.8KG	7.5KG	10KG	19KG
Temp.	100°C	250°C	300°C	500°C	800°C
Duration	100°C@25min	200°C@80min 250°C@60min	300°C@65min	500°C@60min	800°C@50min



■ Probe:

Model	Cable length(mm)	Cable type	Application	Probe type	Max. Temp.(°C)
PL8001/02/03	1.5/3.0/6.0	Teflon	Air	Clamp	300
PL8004/05/06	1.5/3.0/6.0	Teflon	Air	Magnetic	300
PL8007/08/09	1.5/3.0/6.0	Teflon	Surface	Clamp	300
PL8010/11/12	1.5/3.0/6.0	Teflon	Surface	Magnetic	300
PL8013/14/15	1.5/3.0/6.0	Teflon	Universal	Ring dia. 6mm	300
PL8016/17/18	1.5/3.0/6.0	Teflon	Universal	Stick	300
PL8019/20	1.5/3.0	ss braided lead	Surface	Magnetic	500
PL8021/22	1.5/3.0	ss braided lead	Surface	Clamp	500
PL8023/24	1.5/3.0	ss braided lead	Universal	Ring dia. 6mm	500
PL8025/26/27	1.5/3.0/6.0	ss braided lead	Air	Clamp	500
PL8028/29/30	1.5/3.0/6.0	Inconel bendable HT	Universal	Ring dia. 6mm	1000

■ Order info:

BEVS 2301/1 300°C Oven Loggermaster Kit, probe not included

BEVS 2301/2 500°C Oven Loggermaster Kit, probe not included

BEVS 2301/4 100°C Oven Loggermaster Kit, probe not included

BEVS 2301/5 800°C Oven Loggermaster Kit, probe not included