

Temperature

Oven Loggermaster

Introduction:

BEVS Oven Loggermaster is the latest generation of Oven Temperature Logger for robust 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 the loggermaster software for a comprehensive evaluation of the oven conditions.



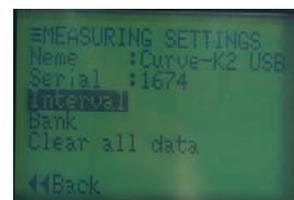
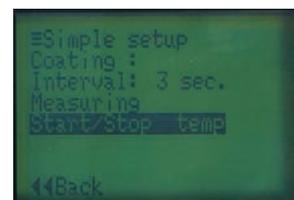
Features:

- ◆ Measures up to 6 channels in one time
- ◆ Long battery life
- ◆ Large screen for numerical or graphical display of data
- ◆ USB interface provides easy data transfer for evaluation
- ◆ High quality thermocouple type K probes
- ◆ Measure temperature both in horizontal and vertical as the component is passed through the cure process
- ◆ Start and stop logging at a pre-set temperature
- ◆ Memory stores up to 260,000 readings



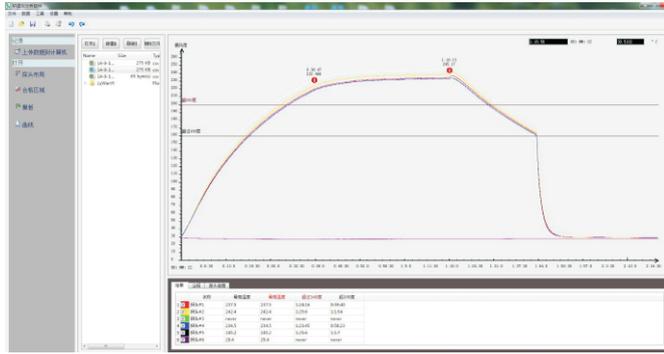
Technical Specifications:

- ◆ Range: 0°C–1200°C
- ◆ Accuracy: $\pm 0.3^\circ\text{C}$
- ◆ Resolution: 0.1°C
- ◆ Probe type: K type
- ◆ Channel: 6
- ◆ Operation temperature: 0–60°C
- ◆ Interval: From 1 second to 1 hour
- ◆ Interface: USB
- ◆ Batteries: 3 × 1.5AA type
- ◆ Battery life: 1200 hours continuous use or 10000 hours stand-by
- ◆ Size : 85 × 105 × 30 mm



Flexible Evaluation of Data:

- ◆ Quick display – the logger display shows the maximum temperature and data percentage or graphic representation for each probe.
- ◆ Extensive analysis - download the data to PC, comprehensive calculations and full customized reports are easily got as each system is supplied with the powerful analysis software.



Probe Type:

- ◆ A wide range of K-Type temperature probes is available with 1.5m , 3m or 6 m cable length.

Order Information of Probe:

Order No.	Cable length(m)	Cable type	Application	Probe type	Max. T. (°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 Ø6mm	300
PL8016/17/18	1.5/3.0/6.0	teflon	universal	wire	300
PL8019/20	1.5/3.0	ss braided lead	surface	magnetic	480
PL8021/22	1.5/3.0	ss braided lead	surface	clamp	480
PL8023/24	1.5/3.0	ss braided lead	universal	ring Ø6mm	480
PL8025/26/27	1.5/3.0/6.0	ss braided lead	air	clamp	480
PL8028/29/30	1.5/3.0/6.0	Inconel bendable HT	universal	ring Ø6mm	1000

Order Information:

BEVS 2301 Oven Loggermaster

300°C Thermal Insulation System	500°C Thermal Insulation System
BEVS 2302 Insulation Box (Insulation Gasket Included)	BEVS 2303 Insulation Box (Insulation Gasket Included)
BEVS 2302/3 Heat Absorber	BEVS 2303/3 Heat Absorber
BEVS 2302/6 Insulation Gasket	BEVS 2303/6 Insulation Gasket

Thermal Insulation Systems:

- ◆ All BEVS2301 recorder is equipped with a high quality thermal insulation system.
- ◆ The insulation box is equipped with advanced stainless steel shell, which can be customized according to the demand for other purposes.



- ◆ Advanced heat absorber

