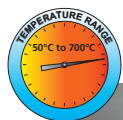


precision temperature fluidised sand baths



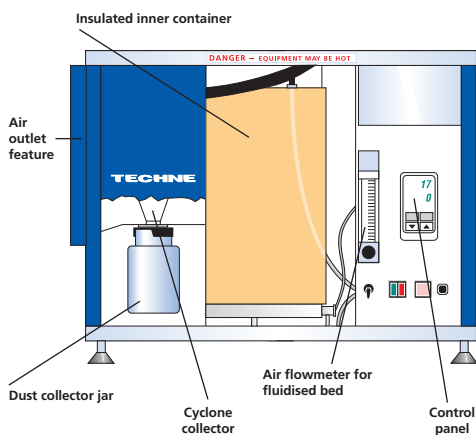
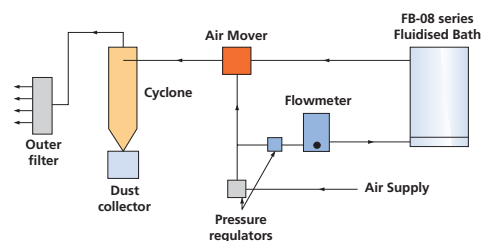
FB-08, Fluidised Bath

The FB-08 series Fluidised Baths are precision baths with exceptional temperature stability and uniformity and are a safe and clean alternative to conventional liquid systems and salt baths. The fumes from oil and salt baths and also the dangers in placing components with moisture on into the bath are eliminated.

In operation, first set the flow of fluidising air by means of the control valve on the flowmeter. The setting will vary depending on the operating temperature; at higher temperatures a lower flow rate is required for good fluidisation. Select the required operating temperature on the temperature controller. The digital display indicates the set point value and the actual bath temperature. Sensors for calibration should be suspended as close as possible to the centre of the working area or for increased uniformity by using a probe holder.



FB-08



Technical Information

	FB-08
Temperature range °C	50 to 700
Temperature stability °C	
Short term @ 50°C	±0.2
Short term @ 600°C	±0.3
Long term @ 50°C	±0.5
Long term @ 600°C	±0.5
Display resolution °C	1
Type of Control	3 term (PID)
Sensor type	K Chromel/alumel thermocouple
Heat up time, minutes 20°C to 700°C	105
Cooling time, minutes 700°C to 200°C	165
Air pressure, kPa (psi)	420 (60)
Maximum flow, litres/minute	127
Weight of medium, kg	16
Overall size L x W x H, mm	770 x 515 x 600
Working volume Diameter x Depth, mm	165 x 385

3208L Eurotherm FB-08 Controller

The Eurotherm controller includes PID controls, digital set and readout of the bath temperature. Power is switched via a solid state relay. Individual indicators show manual mode, setpoint and output status. The controller is password protected to allow operators access only to the information required to set the temperature and run the unit.

Ordering Information

Model Number	Product Code	Voltage	Hz	Watts	Shipping weight, kg
FB-08	F949T	240	50/60	3000	76