

## Fast Cal



### Fast Cal 1200°C

Fast CAL is a time saving way to calibrate pyrometer with range upto 1200°C Now the pyrometer can be calibrated within few minutes using highly precise PID controller and a Controlling Pyrometer.

#### SPECIFICATIONS

**Temperature Range :** 300 to 1200°C  
**Temperature Resolution :** 0.1°C  
**Stability :** ±1°C  
**Emissivity :** 0.95 (±0.01)  
**Controlling Sensor :** Pyrometer  
**Method of control :** Digital self tuned advanced PID controller  
**Time to Reach Max Temp. :** 30 sec. (max.)  
**Computer Interface :** RS - 232  
**Operating Temperature :** 20 to 45°C  
**Power required :** 230 V AC, 3 KW  
**Dimension :** 900(L)x 600(W)x 440(H) mm  
**Weight :** 70 Kg



### Fast Cal 2600°C

The Fast cal 2600 is an ultra high temperature black body calibrator and capability to produce very high temperature, high emissivity emitters and at the same time stabilize at the required temperature with in minutes of switch on. All Safety features to protect equipment and operator are easily accessible.

The Target temperature is sensed by a rapid response infrared fiber optic pyrometer which drives a PID Controller to regulate the cavity temperature precisely to the desired set point.

#### SPECIFICATIONS

**Temperature Range :** 700 to 2600°C  
**Temperature Resolution :** 0.1°C  
**Stability :** ±3°C  
**Emissivity :** 0.99 (±0.01)  
**Controlling Sensor :** Pyrometer  
**Method of Control :** Digital self tuned advanced PID Controller  
**Time to Reach Max Temp. :** 2 Mins  
**Computer Interface :** RS - 232  
**Heater Size :** 100 x 15 x 3 mm  
**Power Required :** 440 VAC, 12KW  
**Dimension :** 900(L) x 600(W) x 440(H) mm  
**Insert Gas :** Argon Gas  
**Mounting Arrangement For Fast Cal :** SS Trolly with in Built water tank. pump and other accessories  
**Weight :** Approx 85 Kg

★ Optional available upto 3000°C also.