

**CALSYS
FB**

50 to 650°C
FLUIDIZED BATH

CALsys FB offers medium temperature range from 50 to 650°C. It is a high stable fluidized bath for calibration thermocouple & RTD. It has been designed for medium temperature calibration with high stability and maximum uniform temperature zone. Alumina powder is used as medium. Metallic probes are used with probe holder for calibration which is 280 mm long with 8mm diameter. Temperature of furnace is set and controlled by self tuned PID controller with automatic super fine adjustment.


KEY FEATURES

- ✓ High Uniform zone
- ✓ Wide Operating Range (50°C - 650°C)
- ✓ High Stability
- ✓ No. of Sensor Calibrated Simultaneously

STANDARD ACCESSORIES

- Reference Standard Thermocouple ('N' type T/C)....Part No. TTCN-300

OPTIONAL ACCESSORIES

- Customized Equalizing Block....Part No. EQ1

SPECIFICATIONS

Temperature Range	: 50 to 650°C
Ded Bed	: 0.05°C
Stability	: ±1.0°C
Display Resolution	: 0.1°C
Type of Control	: Digital self Tuned PID Controller
Sensor Type	: N type thermocouple
Time to reach Max. Temp.	: 105 Minutes
Air pressure kPa (psi)	: 420 (60)
Weight of medium	: 16 kg (35 lbs)
Working volume	: 150 x 385mm
Overall Size L x W x H	: 870 x 515 x 600mm
Weight	: 84 kg (185 lbs) (without Packing)
Serial communication	: RS 232
Power Requirement	: 230VAC, 3.0 KW
Operating temp.	: 20 to 45°C