

"TUBECAL" TEMPERATURE CALIBRATION FURNACE



ATCAL 3001

'Tubecal' Temperature Calibrator is a tube furnace used for calibration of Temperature Sensors. These are electrically heated from outside, controlled using a precision Auto Tune PID temp. controller to maintain a stable preset temperature. The placement of electrical heaters are designed in such a way that the temperature inside furnace remains stable throughout the inner volume. The stability is further improved using a high temperature alloy block insert with drilled Wells in a concentric



Model	: TUBECAL 600
Temp. Range	: 200 to 600°C
Stability	: $\pm 0.3^{\circ}\text{C}$
Uniformity	: $\pm 2^{\circ}\text{C}$
Resolution	: 1°C
Accuracy	: 0.5 % of F.S.
Heating time	: 90 Minutes.
Power Supply	: 230 V AC $\pm$ 1% 50 Hz
Power Consumption	: 4 KW
Dimensions	: 750 (L) x 575 (W) x 1065 (H)
Weight in Kgs.	: 150 Kg.
Standard Accessories	: Instruction Manual
Optional accessories (with extra price)	: 1) Metal Sleeves 2) Spare Heaters 3) Master Sensors

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PROCESS CONTROL INSTRUMENTATION

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