

SERIES ATCAL 1002 MODEL : TAD/M/CF/S600

Fluidless Temperature Calibrators are new generation calibrators, which makes calibration a neat, clean & easy task. Gone are the days when Lab Technician had to live with fumes, oil spillage and other dirty environment, and had to clean the instrument after every calibration point. The Fluidless Temperature Calibrators have provided a better way and made calibration a pleasant job.

Fluidless Calibrators, essentially comprise of a metal block, electrically heated and precisely controlled, using a microprocessor based PID Controller. The heated block is so well insulated and packed in a sheet metal housing, that even at a highest operating temperature, the technician can work comfortably with them. They are provided with a cooling fan for rapid cooling, should you want to take upwards and downward readings.

These are, in short, highly stable heat sources, which are most suited for calibration of temperature sensors viz. Thermocouples / RTDs / Thermistors, Dial type Temperature Gauges, Glass Thermometers, Thermostats etc.



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| Model | : TAD/M/CF/S-600 |
| Temperature Range | : Amb. to 600°C |
| Stability | : $\pm 1^\circ\text{C}$ |
| Uniformity | : $\pm 0.1^\circ\text{C}$ |
| Accuracy | : $\pm 0.1\%$ FSD 1 + Digit |
| Temperature Control | : Precision Auto tune PID Controller |
| Resolution | : 1°C |
| Heating time to maximum | : 45 Minutes. |
| Cooling time to minimum | : 90 Minutes |
| No. of Wells | : 4 Wells |
| Well Dia | : Master Sensor Well Dia. 7mm well dia. |
| Well Depth | : 150 mm |
| Power Supply | : 230 AC, 1 ϕ , 50 Hzs. |
| Power Consumption | : 2.5 KW |
| Dimensions | : 200mm L x 200mm W x 500mm |
| Weight in Kgs. | : 27 Kg. |
| Standard Accessories | : Instruction Manual "ALTOP" Calibration Certificate. |
| Optional accessories with extra price) | : 1) Spare Heaters and Master Sensors 2) Trolley 3) Third Party Lab Calibration Certificate |

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