



DUAL BROTHERS

PRODUCT

CAT VIGUE

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INFRARED BLACKBODY SOURCE

- ✓ Portable & rugged
- ✓ High Resolutions from 0.01 to 0.1 °C**
- ✓ Wide Range
- ✓ Stable to $\pm 0.2^{\circ}\text{C}$
- ✓ 4+4 digit 7-segment LED display
- ✓ Better Accuracy
- ✓ Better Stability & uniformity
- ✓ 0.95 Emissivity
- ✓ Large Aperture area
- ✓ Optional master pyrometer with stand in different temperature ranges available on request



Available Ranges

✓ 50 to 500°C ✓ 500 to 1200°C ✓ 500 to 1500°C

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TACHOMETER CALIBRATOR

- ✓ True colour TFT display with Touch screen
- ✓ CE Quality certified
- ✓ Low noise
- ✓ Quick settling time
- ✓ Any odd value is settable for both contact & Non - contact RPM
- ✓ Resolution up to 0.001 rpm
- ✓ Ultra stable motor with high precision encoder and drive
- ✓ Direct drive shaft (there is no gear)
- ✓ Compact size



Available Ranges

✓ 6000 / 1,02,000 rpm ✓ 8000 / 1,20,000 rpm ✓ 12,000 / 2,04,000 rpm (Contact/Non contact) Page

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PRECISION HUMIDITY AND TEMPERATURE SOURCE

- ✓ 7" True colour TFT display with Touch screen
- ✓ Control range from 5 to 60 °C / 3 to 95 % RH*
- ✓ Dew point temperature indication range -30°C to 45°C
- ✓ Semi Portable, Rugged & Onsite transportable
- ✓ High Resolution 0.01 °C / %RH
- ✓ Stability better than $\pm 0.05^{\circ}\text{C}$ / 0.2 % RH **
- ✓ Better uniformity $\pm 0.2^{\circ}\text{C}$ / 0.3 % RH **
- ✓ Fast raising & quick settling
- ✓ ISO IEC 17025 Accredited Calibration certificate
- ✓ with Inter changeable Acrylic door
- ✓ External humidifier with 6 liters provided
- ✓ Humidification time 2 %RH / sec (50 to 90 % RH)
- ✓ Dehumidifying Time 6 %RH / sec (50 to 10 % RH)
- ✓ Inner chamber constructed with SS 310



MINIATURE DRY BLOCK TEMPERATURE CALIBRATOR (ADVANCED)

- ✓ True colour TFT display with Touch screen
- ✓ 2.8" True colour TFT display with Touch screen
- ✓ Portable & Rugged
- ✓ Range from -15 to 500°C *
- ✓ High Resolution 0.01°C
- ✓ Better Stability & uniformity
- ✓ No Liquids, Safe dry Calibration
- ✓ Micro Controller Based Linearized High Accuracy
- ✓ Inter changeable insert to suit different diameter sensor -up to 20 mm



Available Ranges

✓ -15 to 100 °C ✓ -5 to 100 °C ✓ Amb.+ 5 to 300 °C ✓ Amb.+ 5 to 500 °C

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JUMBO DISPLAY PROCESS INDICATORS

- ✓ RS 485 MODBUS RTU Master / Slave indicator
- ✓ Time/ Clock / Count in large display for long distance viewing
- ✓ Different type of Mounting Wall, Selling, Panel, "L" Clamping
- ✓ Wide Input & Display Ranges
- ✓ Programmable Scale factor, Exponent (For RPM indicator)
- ✓ 2 Relay Outputs with Configurable H / L Setting(except Clock)
- ✓ Re Transmission Output (Optional)
- ✓ RS 485 serial interface with MODBUS RTU protocol (Optional)
- ✓ 24 V DC Sensor Supply



Available Sizes/ Digits

✓ 2" , 4" , 8" Available in Different Segment Sizes / 4 / 6 Digit Seven Segment LED

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LIQUID TEMPERATURE BATH

- ✓ 4.3" True colour TFT display with Touch screen
- ✓ Range from 50 to 250°C
- ✓ Heating Medium Silicon oil
- ✓ Portable, Rugged & on site carriable
- ✓ Better Stability & uniformity
- ✓ High Resolutions from 0.01 °C
- ✓ Multi point Lookup table for Calibration
- ✓ UUC measure option provided
- ✓ Multi hole provision for different type of thermometers, sensors, sensor with indicators etc.,.
- ✓ Large volume testing area 60mm Diax 120mm Depth
- ✓ Magnetized stirring



Available Ranges

✓ -40 to 50°C ✓ -80 to -40°C

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HIGH PRECISION DRY BLOCK TEMPERATURE CALIBRATOR

- ✓ 4.3 inch True TFT DISPLAY with touch screen
- ✓ Portable & Rugged
- ✓ Range from -100 to 1500 °C
- ✓ Resolution 0.01 °C
- ✓ Better Stability
- ✓ Better Uniformity
- ✓ Fast heating & cooling
- ✓ Metrology level performance
- ✓ Inbuilt measure facility
- ✓ UUC measure option provided
- ✓ Stabilization time & status indication provided
- ✓ Low power consumption less than 500W
- ✓ Inter changeable insert to suit different diameter sensor



GET IN TOUCH

We work with you like brothers—backing your business every step of the way. Your goals are our goals, and we're always here to support you.

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