

>165.65546 67616.12287 577
 >198.65546 65612.232829 955
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 >152.698016 68818.282399 92356
 >198.643636 78617.732289 783 56
 >124.634546 78672.237779 683 56
 >458.11142 83417.732397 876 56
 >145.523286 64486.222689 986 56
 >140.77060 32814.077060 328 56

MODEL 9300



Temperature Controlled Air Bath

- Stability to < 50mK
- Selectable Set Points
- Resistor Maintenance
- Light Weight & Portable
- Over & Under Temperature Protection

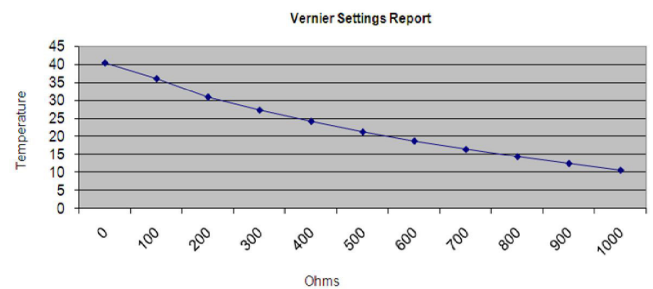
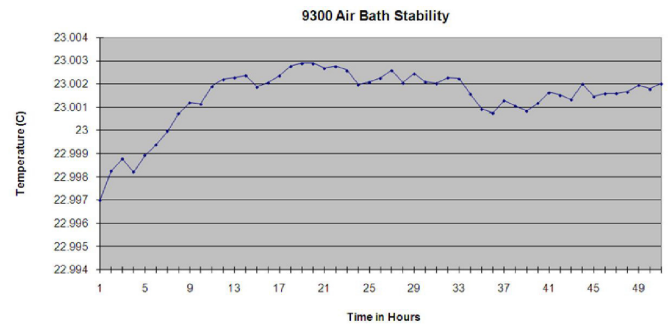
MODEL INFORMATION

The Model 9300 Series Air Baths are designed as a convenient and inexpensive way to maintain the temperature of air resistors in the calibration laboratory. It is large enough to house several standard air resistors and features an adjustable shelf to permit easy access to the standards. These shelves are easily removable in order to place a single ESI type SR104 standard in the bath. The bath is small and rugged and may be moved about easily.

Easy access to the inside of the bath is achieved through the conveniently mounted front door. Resistor leads are brought into the bath through a small, insulated opening in the rear of the unit. The integrated control unit adds convenience as it eliminates a separate controller unit. Temperature control setting is located outside the bath. A vernier type control is used to set the individual temperatures between 15°C and 40°C. A corresponding graph of vernier settings verses temperature is supplied with each unit.

Cooling and heating for the bath is provided for by a thermoelectric peltier element using an internal thermistor as the sensing element. An internal fan is used to move the air inside the bath to provide

for better temperature stability and uniformity while maintaining a quiet operation. The internal temperature is shown on a LCD located inside of the bath. The LCD Display module can also be programmed to set over and under control limits. If the temperature should exceed these points, the power to the bath is disconnected.



Specifications:

Temperature Set Points (Maximum of 10°C below ambient)	15 to 40°C
Temperature Stability	± 50mK for ± 1°C change in ambient
Internal Dimensions (WxDxH)	356 x 330 x 610 mm
Operating Environment	18 to 34°C, 10 to 80% RH
Warranty	1 Year Parts & Labor

Dimensions (WxDxH):

451 x 559 x 724 mm

Weight:

22 kg max

Shipping Weight:

34 kg

Accessories:

Model 9331 Air resistors

Operating Power:

85-265V @ 47-63Hz

How to Order:

Model 9300

Temperature Controlled Air Bath

Distributed By:

Corporate Headquarters

Measurements International
 PO Box 2359, 118 Commerce Drive
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