



## **Model 9303JW** Bench-top Resistor Oil Bath

*Stability to  $\pm 0.001^{\circ}\text{C}$   
Uniformity to  $\pm 0.005^{\circ}\text{C}$   
Thermoelectric Cooling  
Bench-top Bath*

### **General Description:**

Model 9303JW is specifically designed for maintenance of oil-filled resistors when a large working area is not available. Its compact design is ideal where space is at premium.

The Model 9303 uses a solid-state controller to maintain the bath temperature with excellent stability. The temperature of the bath is displayed on a LCD on the front panel. Heating and cooling for the bath is provided by a thermoelectric element. Two stirrers ensure good temperature uniformity. Control of the bath is via the front panel or standard RS232 interface. An IEEE 488 interface is also available as an option and must be specified at time of order.

The optional Model 9301-02 interconnecting fixture allows for easy connections to the resistors and shunts in the bath. In addition, the bath may also be ordered with the optional Model 9301-01 holding fixture to hold the resistors upright and in place when moving leads.

# Model 9303JW

## Specifications:

Range	20° to 30°C
Stability at 25°C	±0.001°C
Uniformity	±0.005°C
Temperature Setting	Digital Display w/ Push Button Entry
Set-Point Resolution	0.002°C High Resolution: 0.00003°C
Display Temperature Resolution	0.01°C
Digital Setting Accuracy	±1°C
Digital Setting Repeatability	±0.01°C
Cooling	Thermoelectric
Working Area	357 X 357 X 255 mm
Tank Capacity	51 liters
Wetted Parts	304 Stainless Steel
Operating Environment	18 to 30°C, 10 to 80% RH
Warranty	1 Year Parts & Labor

### Dimensions:

415 x 635 x 600 mm

### Weight:

35 kg

### Shipping Weight:

45 kg

### Accessories:

IEEE488 Interface  
9301-01  
9301-02

### Operating Power:

115 VAC, 60 Hz  
230 VAC, 50 Hz

### Distributed By:

### How to Order:

Model: 9303JW - Bench-top Oil Bath

Data Subject to Change

Printed in Canada



### Measurements International

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Form MI 67, Rev. 1, Dated 01-11-15 (QAP 19, App. "O")