

Electronically Controlled Resistance Box

Your SOURCE of Resistance!

The revolutionary ohmSOURCE Resistance Box product line is like nothing you have ever seen before! Microprocessor-controlled and loaded with innovative features, the ohmSOURCE Resistance Box succeeds in providing highly accurate and precise resistance values in an intuitive and user-friendly fashion. With a resistance value range of up to 24 MΩ and a power rating of up to 1 Watt, the handheld ohmSOURCE is practical for all industries including automotive, medical, test and measurement, telecommunications, and HVAC.

Using the RS-232 interface and the Software Development Kit, you can control the ohmSOURCE from a remote computer and design automated test equipment to fit your custom application.

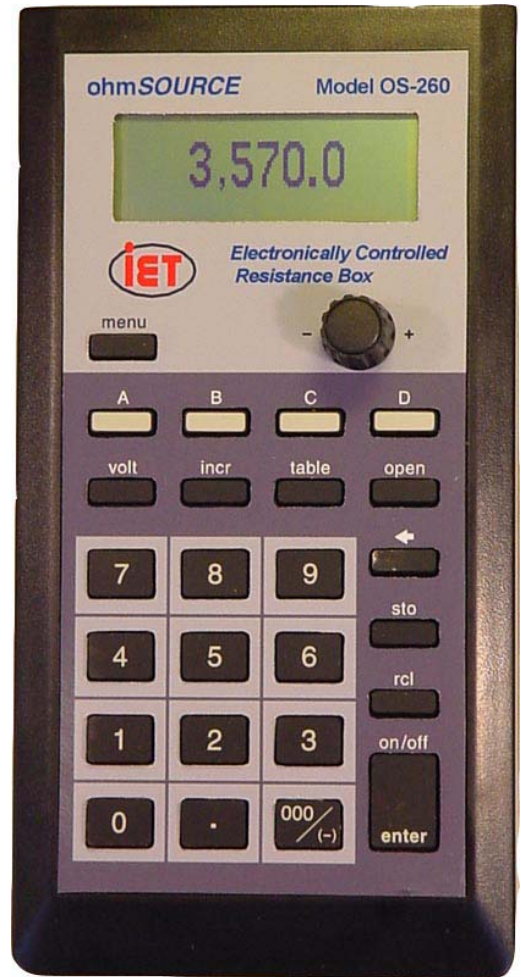
FEATURES AND BENEFITS

- **Keypad Interface**
Enter resistance values using a calculator-style keypad instead of unreliable switches and dials.
- **Quick Value Keys**
Recall up to four frequently used resistance values with one touch.
- **Memory Keys**
Store resistance values in up to 10 additional memory locations (0-9).
- **Current Limiter**
Limits the amount of current passing through the ohmSOURCE to prevent possible damage.
- **Increment Value Setting**
Change resistance by user-defined increments or select standard resistance values (1%, 5%, 10%)
- **Open Key**
Conveniently 100% mechanically isolate the ohmSOURCE from the application with the touch of a key.
- **Easy-to-Read Display**
The output resistance value, in ohms, is easily read from the large, graphical LCD display.
- **Automatic Residual Resistance**
The residual resistance of the ohmSOURCE is automatically included in the output resistance value.
- **Auto-Off Power**
The ohmSOURCE automatically shuts off after 4 minutes of inactivity to conserve power.
- **RS-232 Interface Capability**
Use the RS-232 interface of your computer to control your ohmSOURCE remotely or to download sensor translation tables. *Software Development Kit required.*
- **Field Calibration**
Easily calibrate the ohmSOURCE with a high precision ohmmeter. *Annual factory calibration recommended.*
- **FLASH Software Updates**
The microprocessor has FLASH program memory to allow reprogramming of product firmware.

SPECIFICATIONS

	Model OS-250	Model OS-260	Model OS-270
Range	0 to 24,000,000 Ω	0 to 24,000,000.0 Ω	0 to 1,500,000.00 Ω
Resolution	1 Ω	0.1 Ω	.01 Ω
Accuracy	± 1 Ω (up to 1,000 Ω) ± 0.1% (above 1,000 Ω)	± 0.5 Ω (up to 1,000.0 Ω) ± 0.1% (above 1,000.0 Ω)	± 0.5 Ω (up to 5,000.0 Ω) ± 0.1% (above 5,000.0 Ω)
Power Rating	1.0 W	1.0 W	1.0 W
Power Supply	4 AA alkaline batteries	4 AA alkaline batteries	4 AA alkaline batteries

Dimensions: 7.68" x 3.98" x 1.73", Weight: 18.5 oz (256 g)



IET ohmSOURCE
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▶ Visit us at Transcat.com!

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