ohmSOURCE Series

This handheld ohmSOURCE is an effective option for field applications in all industries including automotive, medical, test and measurement, and telecommunications. This microprocessor-controlled, programmable resistance decade box provides highly accurate and stable resistance values. It features a user-friendly interface, resistances of up to 24 MΩ, power of up to 1 W, and two banana-to-alligator cables for convenient connection. While remaining cost-effective, the ohmSOURCE still offers many advanced features to ensure that it is practical for both laboratory and field applications.

Keypad interface:
Enter resistance values using a calculator-style interface.

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 limit (user-defined):
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.

Open key:
Completely isolate the output terminals with the touch of a key.

Easy-to-read display:
Large LCD display makes it easy to read the output.

Automatic residual resistance compensation:
The residual resistance of the ohmSOURCE is automatically included in the output resistance value. No zero-resistance subtraction required.

Auto-off power:
To conserve power, the ohmSOURCE automatically shuts off after 4 minutes of inactivity.

Field calibration:
Easily calibrate the ohmSOURCE with a high-precision ohmmeter. Annual factory calibration is recommended.

Specifications:

<table>
<thead>
<tr>
<th></th>
<th>Model OS-260</th>
<th>Model OS-270</th>
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</thead>
<tbody>
<tr>
<td><strong>Range</strong></td>
<td>0* to 24,000,000.0 Ω</td>
<td>0* to 1,500,000.00 Ω</td>
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<tr>
<td><strong>Resolution</strong></td>
<td>0.1 Ω</td>
<td>0.01 Ω</td>
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<tr>
<td><strong>Accuracy</strong></td>
<td>≤1,000.0 Ω ±0.5 Ω</td>
<td>≤1,000.0 Ω ±0.1 Ω</td>
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<tr>
<td></td>
<td>&gt;1,000.0 Ω ±0.1%</td>
<td>&gt;1,000.0 Ω ±0.01%</td>
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<tr>
<td><strong>Power Rating</strong></td>
<td>1.0 W or 200 Vdc max.</td>
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<tr>
<td><strong>Power Supply</strong></td>
<td>4 AAA alkaline batteries</td>
<td>4 AAA alkaline batteries</td>
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</tbody>
</table>

*Minimum settable resistance, determined at calibration, is approximately 1 Ω

ACCESSORIES

OS-91.002 Additional Lead Set

Model OS-260 Resistance Box