CAB-E
Strain Generator

Compact & lightweight
Suitable for checking strain amplifiers

The CAB-E is a compact & lightweight device, which generates equivalent strains to check strain measuring instruments. Strain level is set with STRAIN and RANGE dials in combination. The CAB-E is compatible with remote sensing. No power supply is required.

Models

<table>
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<tr>
<th>Models</th>
<th>I/O Resistance, Accuracy</th>
<th>Excitation Voltage</th>
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<tbody>
<tr>
<td>CAB-120E</td>
<td>12 Ω, -10% to 1%</td>
<td>4 VDC or less</td>
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<tr>
<td>CAB-350E</td>
<td>350 Ω, -10% to 1%</td>
<td>12 VDC or less</td>
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</tbody>
</table>

Specifications

- Equivalent Strain: RANGE dials: 4 steps of x-500, x-100, x100, and x500
  STRAIN dials: 11 steps of 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10 \( \times 10^{-6} \) strain
  Generated strain level is determined by setting of both dials
- Accuracy: Within ± (1.5% of setting + 5 \( \times 10^{-6} \) strain)
- Gage Factor: 2.0 fixed
- I/O Resistance & Accuracy: See table above.
- Excitation Voltage: See table above.
- Operating Temperature: 0 to 45°C
- Operating Humidity: 20 to 80% (Non-condensing)
- Output Connectors: NDIS4102 (7 pins) connector
- Dimensions: 122 W x 70 H x 52 D mm
- Weight: Approx. 350 g

Standard Accessories

Connection cable (With NDIS4102 (7 pins) connectors at both ends, 1 m)

Notes:
1. Since the CAB-E is designed to be compatible with remote sensing, it mustn’t be used for systems such as MCF, CDV cards, DIS, etc. with which F and G terminals of input NDIS4102 (7 pins) connector are used for other purposes.
2. It is not recommended to use for carrier-type strain amplifiers such as DPM series.
3. Since the CAB-E has a special circuit structure, the stated accuracy may not be satisfied depending on measuring instruments under test.
4. The CAB-E is designed for checking and is not for calibration.