CAB-E
Strain Generators

●For Checking Strain Measuring Instruments

CAB-120E

Specifications

Model	I/O Resistance, Accuracy	Bridge Applied Voltage
CAB-120E	120Ω, +1 -10%	4V DC or less
CAB-350E	350Ω, +1 -10%	12V DC or less

Equivalent Strain :	RANGE dial : 4 steps of x-500, x-100, x100 and x500
	STRAIN dial : 11 steps of 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 μm/m
	Generated strain level is determined by setting of both dials.
Accuracy :	Within (±1.5% of setting + 5 μm/m)
Gage Factor :	2.0 fixed
Input/Output Resistance & Accuracy :	Refer to table above.
Bridge Applied Voltage :	Refer to table above.
Operating Temperature/Humidity Range :	0 to 45°C, 20 to 80% RH (noncondensing)
Output Connector :	NDIS connector
Dimensions :	122(W) x 70(H) x 52(D) mm
Weight :	Approx. 350 g

Standard Accessories

Connection cable with NDIS connector at both ends, 1 m long

A compact and light weight strain generator for checking strain amplifiers.

The CAB-E is a compact and lightweight device, which generates equivalent strains to check strain measuring instruments. A generated strain level can be set with STRAIN and RANGE dials in combination. The CAB-E is compatible with remote sensing.
Power supply is not necessary.

Notes:
1. Since the CAB-E is designed to be compatible with remote sensing, it cannot be used for the systems such as EDX-2000A, MCD-A and DIS-3000B, with which F and G terminals of input NDIS 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 cannot be used for calibration.

■Dimensions