

# CB101

## 5 kV Calibration Box



- Gives quick check of insulation tester calibration
- Contains high quality resistors
- Calibration certificate provided

### DESCRIPTION

The CB101 is a calibration box suitable for checking the accuracy of insulation testers. Four resistors are connected in the unit to enable a wide range of values to be checked. The high quality resistors, rated to high voltage, can be used to check resistance readings with test voltages up to 5 kV d.c. A calibration certificate is provided with each CB101 showing the actual value of each resistance checkpoint.

### SPECIFICATIONS

<b>Nominal resistance values:</b>	10 M $\Omega$ , 100 M $\Omega$ , 1 G $\Omega$ & 10 G $\Omega$
<b>Calibration accuracy:</b>	1%
<b>Nominal value accuracy:</b>	2%
<b>Voltage coefficient:</b>	1ppm/V
<b>Calibration temperature:</b>	20°C (68°F)
<b>Temperature coefficient:</b>	250 ppm/°C (139 ppm/°F)
<b>Shelf stability Typically:</b>	0.5% per year
<b>Operating temperature:</b>	5°C to 40°C (41°F to 104°F)
<b>Storage temperature:</b>	-20°C to 60°C (-4°F to 140°F)
<b>Operating humidity:</b>	60% RH maximum
<b>Dimensions:</b>	130 x 68 x 68 mm (5.1 x 2.7 x 2.7 in)
<b>Safety:</b>	Meets IEC1010-1 (1995)

### ORDERING INFORMATION

Item	Order Code
Calibration Box	CB101

**UK**  
Archcliffe Road, Dover  
CT17 9EN England  
T (0) 1 304 502101  
F (0) 1 304 207342

**UNITED STATES**  
4271 Bronze Way, Dallas,  
TX75237-1017 USA  
T 1 800 723 2861  
T 1 214 330 3203  
F 1 214 337 3038

**OTHER TECHNICAL SALES OFFICES**  
Valley Forge USA, Toronto  
CANADA, Mumbai INDIA,  
Le Raincy FRANCE, Cherrybrook  
AUSTRALIA, Guadalajara SPAIN  
and The Kingdom of BAHRAIN.

**ISO STATEMENT**  
Registered to ISO 9001:1994 Reg no. Q 09250  
Registered to ISO 14001 Reg no. EMS 61597  
**CB101\_DS\_en\_V02**  
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