



1070 Decade Capacitance Box Model 9000

- 100pF to 10 μ F
- 1% Accuracy
- Compact and Robust
- Multicolour setting indication
- High accuracy and precision



Introduction

The 9000 is a convenient, portable decade capacitance box, housed in a robust metal case and designed for industrial, laboratory and education requirements.

The unit incorporates a colour coding system which divides the setting into three groups –

μ F = Red nF = White pF = Yellow

The high accuracy obtained in the 9000 is achieved by the use of accurate, stable capacitors. A thumbwheel switch provides precision selection of output capacitance.

A multiple gold contact switch arrangement ensures that should a contact fail, there is always a back-up contact available.

A carrying case is available as an optional extra, and protects the 1070 when in field or industrial applications.

Specification

Capacitance Range:	100 pF to 10 μ F in 100 pF steps
Accuracy:	$\pm 1\%$, ± 5 pF, measured at 1 kHz
Residual Capacitance:	38 pF ± 5 pF, 2 terminal measurement
Maximum Operation Voltage:	63 V AC (50 Hz, RMS). 100 V DC
Power Factor:	better than 0.007 (at 1 kHz)
Operating Temperature Range:	-10°C to +50°C
Stability:	1% per year maximum
Dimensions:	110 x 75 x 200 mm
Weight:	0.64 kg
Optional Extras:	Carrying Case Calibration Certificate

Ordering Information

Description	Order code
Decade Capacitance Box 9000	1070
Carrying Case	9026
N.P.L. Traceable Calibration Certificate	9161
UKAS Calibration Certificate	9114



HISPACONTROL S.L.

Pº Delicias 65 Bis, 28045 Madrid

Tel. 915.308.552, Fax. 914.673.170, Email. hc@hispacontrol.com, Web. www.hispacontrol.com