

Decade Capacitance Box



Series : 7500

Features

- High accuracy upto $\pm 0.5\%$
- Low zero capacitance: ≤ 3 pF/Switch
- Output: 5-Terminal construction Or BNC
- Stability - 100 ppm/year
- Excellent TC - 50 ppm/°C

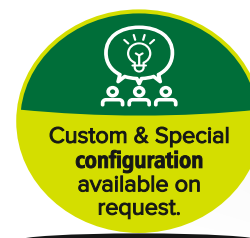
Applications

- Calibration of LCR Meters
- Calibration of Capacitance Meter
- General purpose capacitance substitution.
- Finding optimal operating values in circuits.
- Service work, troubleshooting and maintenance.

Technical Data

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| • Function | : Calibration Capacitance Standard |
| • Capacitance Range | : 1pF to 11.11111111 mF |
| • Resolution | : 1pF |
| • Switches | : self wiping, better Quality Rotary switches |
| • Switch Capacitance | : ≤ 3 pF |
| • Capacitor Element | : Fix Value Capacitors |
| • Stability | : 1/3 of Accuracy (yearly) |
| • Temperature Coefficient | : 50ppm/°C |
| • Instrument Housing | : Mild Steel with anti-rust powder coated |
| • Maximum Voltage to Case | : 2000 volts |
| • Dielectric Voltage | : 500 Volt AC for one minute |
| • Calibration Certificate(Optional) | : ISO/IEC 17025 compliant or Factory Cal. Certificate. |
| • Accessories (Optional) | : Carrying case & Connecting Cables. |

Decade (In F)	Total Decade Capacitance (In F)	Maximum Voltage (V)	Accuracy			Accuracy Certified@
			Precision	Standard	Economy	
1p	10p	250	$\pm 4\%$	$\pm 5\%$	$\pm 10\%$	1 kHz
10p	100p	250	$\pm 2\%$	$\pm 3\%$	$\pm 5\%$	1 kHz
100p	1000p	250	$\pm 1\%$	$\pm 2\%$	$\pm 4\%$	1 kHz
1n	10n	250	$\pm 0.5\%$	$\pm 1\%$	$\pm 2\%$	1 kHz
10n	100n	250	$\pm 0.5\%$	$\pm 1\%$	$\pm 2\%$	1 kHz
100n	1000n	250	$\pm 0.5\%$	$\pm 1\%$	$\pm 2\%$	1 kHz
1μ	10μ	250	$\pm 0.5\%$	$\pm 1\%$	$\pm 2\%$	1 kHz
10μ	100μ	250	$\pm 0.5\%$	$\pm 1\%$	$\pm 2\%$	1 kHz
100μ	1000μ	250	$\pm 0.5\%$	$\pm 1\%$	$\pm 2\%$	1 kHz
1m	10m	250	$\pm 0.5\%$	$\pm 1\%$	$\pm 2\%$	1 kHz



ISO 17025 Compliant Calibration Facilities