

D05000-CS

CALIBRATION STANDARD FOR D05000

The calibration Standard D05000-CS is designed to enable the full calibration of the Digital microhmmeter type D05000, The resistance ranges are adjusted to a nominal accuracy and the actual value is measured and recorded on the calibration certificate. The value on the calibration certificate is the value that should be used when calibrating the D05000.

| KEY FEATURE | D05000-CS |
|------------------------------|-----------|
| True 4 terminal standards | ■ |
| Switch selectable values | ■ |
| Polarity Reversal switch | ■ |
| Four terminal zero | ■ |
| PT100 calibration | ■ |
| Upto 10A calibration current | ■ |

D05000-CS SPECIFICATIONS

CURRENT RANGES

| Current | Normal Accuracy |
|---------|-----------------|
| 100mA | ±0.05% |
| 1mA | ±0.05% |
| 10mA | ±0.05% |
| 100mA | ±0.05% |
| 1A | ±0.05% |
| 10A | ±0.05% |

RESISTANCE RANGES

| Resistance Range | Nominal Accuracy | Certified Accuracy |
|-------------------|------------------|--------------------|
| 30kOhm | ±0.01% | ±0.01% |
| 3kOhm | ±0.01% | ±0.01% |
| 300Ohm | ±0.01% | ±0.01% |
| 30 Ohm | ±0.01% | ±0.01% |
| 3 Ohm | ±0.05% | ±0.01% |
| 300mOhm (200mOhm) | ±0.05% | ±0.01% |
| 30mOhm | ±0.05% | ±0.01% |
| 3mOhm | ± 1% | ±0.02% |

TEMPERATURE RANGES

| Temperature | Nominal Accuracy | Certified Accuracy |
|-------------|------------------|--------------------|
| 0°C | ± 1% | ±0.05% |
| 100°C | ± 1% | ±0.05% |

Working Temperature

0 to +40°C

Storage Temperature

0 to +40°C

Dimensions

460mm x 420mm x 180mm

Weight

5Kg

Terminals

4mm safety sockets. Low thermal EMF types.

Switches

Combination switch with low thermal contacts for the potential selection and low resistance contacts for the current and range selections

