

Magneto analogue insulation testers



C.A 6501 & C.A 6503

- > **C.A 6501 & C.A 6503: on-site version**
- Rugged plastic casing suitable for use in all conditions

Specifications

| | | ■ C.A 6501 | ■ C.A 6503 |
|---------------------|-------------------|------------------------------------------|-------------------------|
| Insulation | (calibre MΩ) | | |
| | Test voltage (DC) | 500 V | 250 V / 500 V / 1,000 V |
| | Range | 0.5 to 200 MΩ | 1 to 5,000 MΩ |
| Resistance | Accuracy | 2.5 % of end-of-scale | 2.5 % of end-of-scale |
| | Range | 45 to 500 kΩ | - |
| Continuity | Accuracy | 2.5 % of end-of-scale | - |
| | Range | 0 to 100 Ω | - |
| Voltage | Accuracy | 2 % of end-of-scale | - |
| | Range | 0 ... 600 V _{AC} | |
| | Frequency | 45 to 450 Hz | |
| Display | Accuracy | 3 % of end-of-scale | |
| | | Analogue | |
| Dimensions / weight | | 120 x 120 x 130 mm / 1.06 kg | |
| Power supply | | Magneto allowing a stable test voltage | |
| Protection | | IP 54 with cover IP 52 without cover | |
| Electrical safety | | IEC 61010 - 600 V CAT II / 300 V CAT III | |

State at delivery

- > **C.A 6501** delivered in carrying bag with 1 operating manual, 2 elbowed/straight PVC leads 1.5 m long (black/red), 2 crocodile clips (black/red), 1 black test probe
- > **C.A 6503** delivered in carrying bag with 1 operating manual, 3 elbowed/straight PVC leads 1.5 m long (black/red/blue), 3 crocodile clips (black/red/blue), 1 black test probe

References to order

- > **C.A 6501** > P01132503
- > **C.A 6503** > P01132504

Accessories/Replacement parts

- C.A 846 thermo-hygrometer > P01156301Z
- C.A 861 thermometer + K thermocouple > P01650101Z
- 0.2 A fuse / HPC for C.A 6501 > P01297095
- 2 crocodile clips (red/black) > P01102052Z
- Ø 4 mm CAT II 300 V moulded test probe (x 2) > P01295458Z
- 2 PVC leads (red/black) > P01295289Z
- 5 crocodile clips (red, black, blue, yellow, green/yellow) > P01101849
- 3 safety leads 1.5 m long (red, blue, black) > P01295171

Analogue insulation testers

C.A 6511 & C.A 6513

> C.A 6511

- Simple to use
- Rugged shockproof sheath
- Insulation 500 V, continuity 200 mA

> C.A 6513

- Simple to use
- Rugged shockproof sheath
- Insulation 1,000 V, continuity 200 mA & resistance

600 V CAT III



Specifications

| | | C.A 6511 | C.A 6513 |
|---------------------|-------------------|----------------------------------------------|----------------------|
| Insulation | Test voltage (DC) | 500 V | 500 V / 1,000 V |
| | Range | 0.1 to 1,000 MΩ | |
| | Accuracy | ± 5% of end-of-scale | |
| Resistance | Range | - | 0 to 1,000 Ω |
| | Accuracy | - | ± 3% of end-of-scale |
| Continuity | Range | -10 Ω to +10 Ω | |
| | Accuracy | ± 3% of end-of-scale | |
| Test current | | ≥ 200 mA | |
| | Current reversal | Yes | |
| Voltage | Range | 0... 600 V _{AC} | |
| | Frequency | 45 to 400 Hz | |
| | Accuracy | 3% of end-of-scale | |
| Display | | Analogue | |
| Dimensions / weight | | 167 x 106 x 55 mm / 500 g (excluding sheath) | |
| Power supply | | 4 x 1.5 V batteries | |
| Electrical safety | | IEC 61010 - 600 V CAT III | |



Accessories / Replacement parts

- | | |
|----------------------------------------------|--------------|
| C.A 861 thermometer + K thermocouple | > P01650101Z |
| C.A 846 thermo-hygrometer | > P01156301Z |
| 2 crocodile clips (red/black) | > P01102052Z |
| Ø 4 mm CAT II 300 V moulded test probe (x 2) | > P01295458Z |
| 2 PVC leads (red/black) | > P01295289Z |
| 1.5 V LR6 alkaline battery | > P01296033 |
| 1.5 V LR6 alkaline battery (x 12) | > P01296033A |
| 1.5 V LR6 alkaline battery (x 24) | > P01296033B |
| 1.6 A fuse | > P01297022 |
| Shockproof sheath no. 13 | > P01298016 |

State at delivery

- > **C.A 6511 and C.A 6513** delivered in shockproof sheath with 2 elbowed/straight PVC leads 1.5 m long (red/black), 1 black test probe, 1 red crocodile clip, 1 operating manual, 4 x LR6 1.5 V batteries

References to order

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|-------------------|-------------|
| > C.A 6511 | > P01140201 |
| > C.A 6513 | > P01140301 |