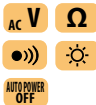


MODEL 3005A



- Bar graph to display insulation resistance
- Displays the value of external AC voltage with flashing symbol
- Auto null function to automatically subtract the test lead resistance before displaying the real continuity resistance value
- Live circuit warning buzzer
- Releasing the test button automatically discharges the charges stored in the circuit under test
- 200mA measuring current on continuity testing

MODEL 3007A



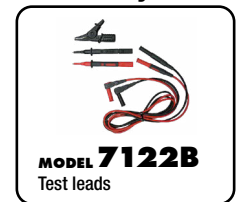
- Bar graph to display insulation resistance
- Displays the value of external AC voltage with flashing symbol
- Auto null function to automatically subtract the test lead resistance before displaying the real continuity resistance value
- Trac-Lok mode to conserve battery life on insulation and continuity tests
- Live circuit warning buzzer
- Releasing the test button automatically discharges the charges stored in the circuit under test
- Backlight function to view the test results in dimly lit areas

| | 3005A |
|--------------------------------|---|
| Insulation resistance | |
| Test voltage | 250/500/1000V |
| Measuring ranges | 20/200/2000MΩ |
| Output voltage on open circuit | Rated test voltage +20%, -0% |
| Nominal current | 1mA DC min. |
| Output short circuit current | Approx. 1.5 mA DC |
| Accuracy | ±1.5%rdg±5dgt(20/200MΩ) ±10%rdg±3dgt(2000MΩ) |
| Continuity test | |
| Measuring ranges | 20/200/2000Ω |
| Output voltage on open circuit | 7 - 12V DC |
| Measuring current | 200mA DC min. |
| Accuracy | ±1.5%rdg±5dgt(20Ω) ±1.5%rdg±3dgt(200/2000Ω) |
| AC voltage | |
| AC voltage range | 0 - 600V AC |
| Accuracy | ±5%rdg±3dgt |
| General | |
| Applicable Standards | IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC) |
| Power source | R6(AA)(1.5V) × 8 |
| Dimension | 167(L) × 185(W) × 89(D)mm |
| Weight | Approx. 970g |
| Accessories | 7122B(Test leads), 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 8, 9121(Shoulder strap) Instruction manual |

Selection Guide

| | 3005A | 3007A |
|------------------------------------|-------|-------|
| 200mA continuity range | ✓ | ✓ |
| Live circuit warning | ✓ | ✓ |
| Backlight | | ✓ |
| Automatic discharge | ✓ | ✓ |
| Trac-Lok for extended battery life | | ✓ |

Accessory



| | 3005A/3007A |
|--------------------------------|---|
| Insulation resistance | |
| Test voltage | 250/500/1000V |
| Measuring ranges | 20/200/2000MΩ |
| Output voltage on open circuit | Rated test voltage +20%, -0% |
| Nominal current | 1mA DC min. |
| Output short circuit current | 1.5 mA DC approx. |
| Accuracy | ±1.5%rdg±5dgt(20/200MΩ) ±10%rdg±3dgt(2000MΩ) |
| Continuity test | |
| Measuring ranges | 20/200/2000Ω |
| Output voltage on open circuit | 7 - 12V DC |
| Measuring current | 200mA DC min. |
| Accuracy | ±1.5%rdg±5dgt(20Ω) ±1.5%rdg±3dgt(200/2000Ω) |
| AC voltage | |
| AC voltage range | 0 - 600V AC |
| Accuracy | ±5%rdg±3dgt |
| General | |
| Applicable Standards | IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC) |
| Power source | R6(AA)(1.5V) × 8 |
| Dimension | 167(L) × 185(W) × 89(D)mm |
| Weight | Approx. 990g |
| Accessories | 7122B(Test leads), 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 8, 9121(Shoulder strap) Instruction manual |

Accessories



MODEL 3131A



- Three insulation test ranges: 250V/100MΩ, 500V/200MΩ, 1000V/400MΩ
- LIVE circuit warning lamp plus audible warning
- Automatic discharge of circuit capacitance when TEST button is released
- Fuse protected (continuity range only)
- Battery check LED
- Zero adjustment on panel
- Backlight function to facilitate working at dimly lit situations
- PRESS TO TEST button with lock down feature

| | 3131A |
|------------------------------------|---|
| Insulation resistance | |
| Test voltage | 250/500/1000V |
| Measuring ranges (Mid-scale value) | 100/200/400MΩ (1/2/4MΩ) |
| Output voltage on open circuit | Rated test voltage +20%, -0% |
| Nominal current | 1mA DC min. |
| Output short circuit current | Approx. 1.3 mA DC |
| Accuracy | 0.1 - 10/0.2 - 20/0.4 - 40MΩ (Accuracy guaranteed ranges) ±5% of indicated value |
| Continuity | |
| Measuring ranges (Mid-scale value) | 2/20Ω (1/10Ω) |
| Output voltage on open circuit | 4 - 9V DC |
| Measuring current | 200mA DC min. |
| Accuracy | ±3% of scale length |
| General | |
| Applicable Standards | IEC 61010-1 CAT III 300V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC) |
| Power source | R6(AA)(1.5V) × 6 |
| Dimension | 167(L) × 185(W) × 89(D)mm |
| Weight | Approx. 860g |
| Accessories | 7122B(Test leads), 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 6, 9121(Shoulder strap), Instruction manual |

MODEL 3132A

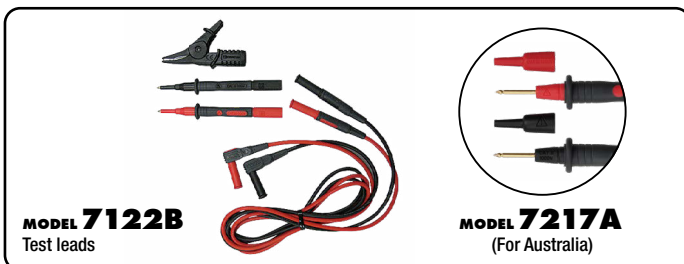


- Dust and Drip-proof construction (designed to IEC 60529 IP54)
- Designed to meet IEC 61010-1 and IEC 61557 safety standard
- 1mA rated test current at the minimum resistance
- 200mA measuring current on continuity testing
- Automatic discharge of circuit capacitance (Any charge stored in the circuit under test will be automatically discharged after testing)
- Live circuit warning buzzer and neon lamp
- Small and lightweight. Shock resistant new case material
- AC voltmeter with linear, easy-to-read scale
- Operates on AA, R6 × 6 dry batteries

| | 3132A |
|------------------------------------|---|
| Insulation resistance | |
| Test voltage | 250/500/1000V |
| Measuring ranges (Mid-scale value) | 100/200/400MΩ (1/2/4MΩ) |
| Output voltage on open circuit | Rated test voltage +20%, -0% |
| Nominal current | 1mA DC min. |
| Output short circuit current | 1 - 2mA DC |
| Accuracy | 0.1 - 10/0.2 - 20/0.4 - 40MΩ (Accuracy guaranteed ranges) ±5% of indicated value |
| Continuity | |
| Measuring ranges (Mid-scale value) | 3/500Ω (1.5/20Ω) |
| Output voltage on open circuit | Approx. 4.1V DC |
| Measuring current | 210mA DC min. |
| Accuracy | ±1.5% of scale length |
| AC voltage | |
| AC voltage range | 0 - 600V AC |
| Accuracy | ±5% of scale length |
| General | |
| Applicable Standards | IEC 61010-1 CAT III 600V Pollution degree 2 IEC 61010-2-034, IEC 61557-1,2,4 IEC 60529(IP54), IEC 61326-1(EMC) |
| Power source | R6(AA)(1.5V) × 6 |
| Dimension | 106(L) × 160(W) × 72(D)mm |
| Weight | Approx. 560g |
| Accessories | 7122B(Test leads)*1, 9074(Cord case) 8923(Fuse[0.5A/600V]) × 1 (included), 1 (spare) R6(AA) × 6, 9121(Shoulder strap), Instruction manual |

*1 7217A(For Australia)

Accessories



Selection Guide

| | 3131A | 3132A |
|---------------------------------|-------|-------|
| 3 range insulation test voltage | ✓ | ✓ |
| 200mA continuity | ✓ | ✓ |
| Live circuit warning | ✓ | ✓ |
| AC voltage range | | ✓ |
| Illuminated scale | ✓ | |
| Automatic discharge | ✓ | ✓ |
| IP54 rating | ✓ | ✓ |

**COSINUS Messtechnik - Ihr Partner für Messlösung
in allen elektrischen und physikalischen Anwendungen**

COSINUS Messtechnik GmbH

Rotwandweg 4

82024 Taufkirchen

Tel.: 089 / 66 55 94 - 0

Fax: 089 / 66 55 94 -30

office@cosinus.de
www.cosinus.de