



DIGITAL

3005A, 3007A

KEW DIGITAL INSULATION/CONTINUITY TESTER

Model 3005A and 3007A are microprocessor controlled digital insulation/continuity testers. They not only permit insulation resistance measurement on three rated test voltages (250V, 500V and 1000V) and continuity testing, but also offer a number of advanced features such as a bargraph reading of insulation resistance, auto null function for continuity testing, Trac-Lok function to save battery power (Model 3007A only), etc.

Selection Guide

MODEL	3005A	3007A
250V test voltage	●	●
500V test voltage	●	●
1000V test voltage	●	●
200mA continuity range	●	●
Live circuit warning	●	●
Illuminated scale	●	●
Automatic discharge	●	●
Trac-lok for extended battery life		●

3005A



3007A



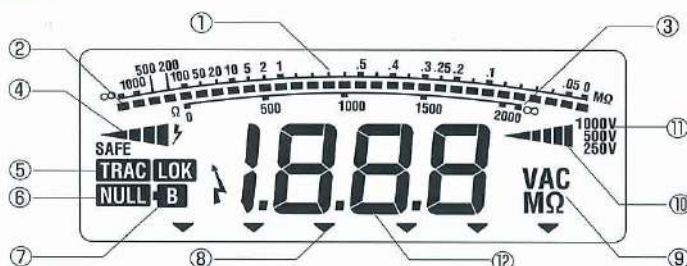
Features (3005A/3007A)

- Bargraph to display insulation resistance.
- Displays the value of external AC voltage along 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 (Model 3007A only).
- Live circuit warning beeper.
- 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 (Model 3007A only).
- 200mA continuity measuring current to IEC 61557.
- Minimum 1mA current on insulation tests to IEC 61557.

Accessory Test Leads MODEL 7122



LCD DISPLAY



Layout Diagram



- ① LCD DISPLAY
- ② TRAC-LOK SWITCH (Model 3007A only)
- ③ RANGE SELECTOR SWITCH
- ④ TEST BUTTON
- ⑤ CONNECTOR
- ⑥ BACK LIGHT SWITCH (Model 3007A only)
- ⑦ FUNCTION SWITCH

- ① INSULATION RESISTANCE SCALE
- ② BAR GRAPH
- ③ CONTINUITY SCALE
- ④ LIVE CIRCUIT WARNING
- ⑤ TRAC-LOK MODE
- ⑥ AUTONULL OPERATION
- ⑦ BATTERY VOLTAGE WARNING
- ⑧ CONTINUITY/INSULATION RESISTANCE RANGE SETTING
- ⑨ UNIT
- ⑩ OUTPUT VOLTAGE GRAPH (INSULATION RESISTANCE)
- ⑪ OUTPUT VOLTAGE RANGE
- ⑫ MEASUREMENT VALUES