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

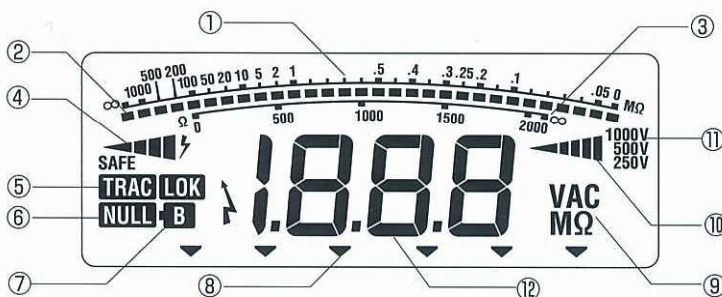| MODEL	3005A	3007A
250V test voltage	●	●
500V test voltage	●	●
1000V test voltage	●	●
200mA continuity range	●	●
Live circuit warning	●	●
Illuminated scale		●
Automatic discharge	●	●
Trac-lok for extended battery life		●

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.
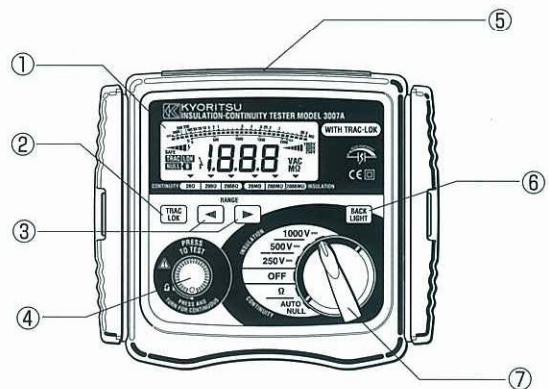● Minimum 1mA current on insulation tests to IEC 61557.

■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