

MΩ Hi TESTER



3110

- The 3110 insulation tester with stabilizing power source provides stable measurements.
- AC Voltage measurement is possible without SW. operation.
- Scale calibration created from human engineering design can be easily taken.
- AC Adapter (DC 12V—200mA) is also available.

MΩ Hi TESTER 3110

FEATURES

- The 3110 insulation testers are equipped with a power source stabilizing device which provides stable measurements at a touch, without the worry of battery voltage or load fluctuation (up to 8 V minimum)
- Efficient and economical operation is provided when they couple with unique internal DC-DC converter developed by HIOKI.
- MΩ, Voltage measurements and Battery check are easily possible.
- This handy-type tester of smart design created from human engineering is both highly functional and durable, with the additional feature that its scale can be easily read.
- Waterproof and dustproof switch used as a source of electric power, it's rich in durability and safety.

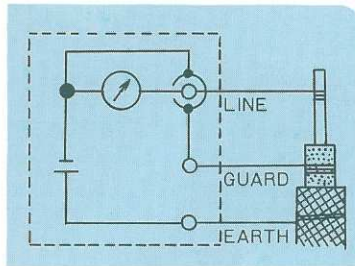
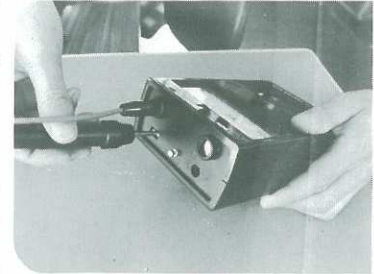


Method of measuring Insulation Resistance.

Push the Switch Plate in the center, connecting the Probe with the object for measurement. When the Switch Plate is pulled up, Switch can be locked in its "ON" position.

Battery Check:

Make the Line-side lead touch the battery check terminal, both polarities at one time, without pressing the switch. If the needle is off the B mark, it shows that the built-in battery is dead. Replace it with a new one.



GUARD TERMINAL is provided on all MODEL 3110 instruments for facilitating accurate measurement without affecting the material under test due to leakage.

SPECIFICATIONS

MODEL	Sub. No.	Rated voltage/ rated resistance	Effective measuring range	Central scale	AC voltage scale (50/60Hz)
3110	-01	100V/20MΩ	0.02~20MΩ	0.5MΩ	0~150V
	-02	250V/50MΩ	0.05~50MΩ	1MΩ	0~250V
	-03	500V/100MΩ	0.1~100MΩ	2MΩ	0~500V
	-04	500V/1000MΩ	1~1000MΩ	20MΩ	0~500V
	-05	1000V/2000MΩ	2~2000MΩ	50MΩ	0~500V
Tolerance			Primary effective measuring range: ±5% of indicated value		
			Secondary effective measuring range: ±10% of indicated value		
			0 and ∞: Less than 0.7% of scale length		
			AC voltage: ±10% of maximum scale value		
Measuring terminal voltage			Over 90% of rated voltage at central scale Tolerance. Tolerance at infinity scale is ±10% of rated voltage.		
Body			ABS resin		
Batteries			8×(UM-3)1.5V dry batteries		
Indication of battery consumption			Indicated on scale plate		
Dimensions			163H×109W×53D ^{mm} · weight. 650g		
Accessory			Test leads		

Optional Accessory

9055 Carrying case	3110-13 (With carrying case) 3110-03+9055
3110-11 (With carrying case) 3110-01+9055	3110-14 (With carrying case) 3110-04+9055
3110-12 (With carrying case) 3110-02+9055	3110-15 (With carrying case) 3110-05+9055

HIOKI

HIOKI E.E. CORPORATION

HEAD OFFICE : P.O.Box 1, Sakaki, Nagano, 389-06 Japan
 Tlx: 3327508 HIOKI J / Cable: HEWLOV, Ueda
 Telephone: (02688)2-3030
 TOKYO OFFICE: 2-23-24 Shiba Nakata, Kawaguchi, Saitama 333
 Telephone: (0482)61-2401
 HIOKI-RCC, INC.: 198 Route 206 South Somerville, N.J. 08876 U.S.A.
 Telephone: (201)874-6484