

HIOKI

FIELD Hi TEST PACK

3125

Quite a number of instruments are needed when installing and maintaining electrical equipment and the task of carrying them about is tedious, but Hioki designers have lightened the electrical engineer's burden by combining these instruments in a lightweight pack.

Phase Sequence, Hot Line Check, Continuity and Circuit Testers Combined in a Single Compact Instrument.



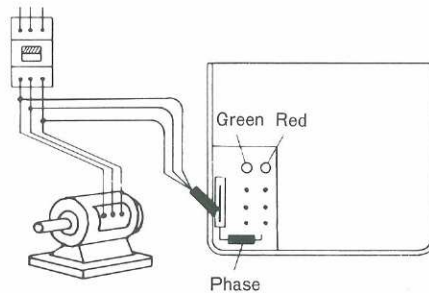
1. Open for easy of use, close for compactness-easy to carry.

- By separating the meter and the controls, a wide scale is provided for easy reading and the meter can be adjusted to three different angles to further simplify reading. On completing the job, the tester folds up compactly to make it easy to carry about.



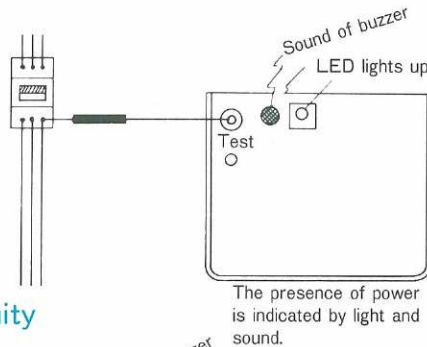
2. Easy-to-check LED type phase detector

- Makes easy work of phase sequence checking on installation sites, including motor installation. The detector blinks green for normal phase, red for reverse phase, and fails to blink when there is a phase lack.



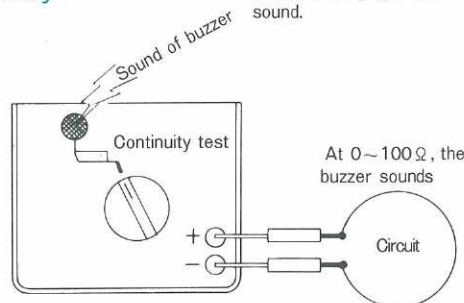
3. Light and sound indication in hot line detection

- To protect himself against shock, the engineer uses this detector to see if power is on or off and if it is on indication is given by both light and sound devices. It is also possible to check the function of the detector itself beforehand.



4. Sound used to indicate continuity

- Cord continuity and a broken line are distinguished by means of a buzzer, especially in tests where the resistance figure is not required, the buzzer sounding if there is continuity.
- When the resistance figure is required, the ohmmeter is used.

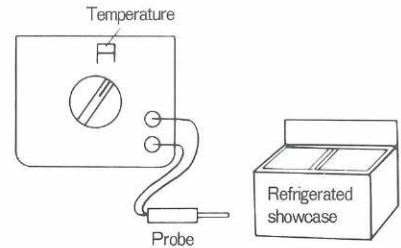


5. Measures DC and AC voltage and resistance

Measures: 0~300V DC and 0~600V AC
0.2Ω~100kΩ

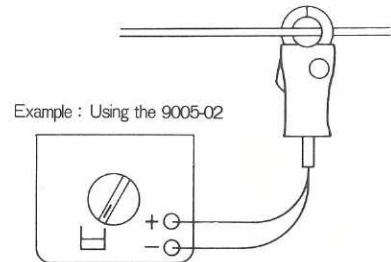
Optional Accessories 9021-02 Thermistor Temperature Probe

Measures temperatures from -50°C to $+200^{\circ}\text{C}$ in a two-range system and measurements can be carried out rapidly.



9004-02 Clamp-On Probe 9005-02 Clamp-On Current Transducer

An AC current up to 300A can be measured on a live line. Especially in SCR and other power equipment where there is considerable wave distortion in the circuit, use the 9005-02 to obtain the RMS value.



Specifications

DC Voltage :	0.3/3/12/30/120/300V (22kΩ/V) ±3% of F.S.
AC Voltage :	6/60/120/300/600V (10kΩ/V) ±4% of F.S.
Resistance :	1kΩ/100kΩ (mid-scale 10Ω) ±3% of Scale Length
Hot Line Detector :	Line voltage for use: 80V~300V (Indication by LED lighting up and buzzer sounding)
Phase Detector :	Rated voltage-max. 450V. Normal phase-green; reverse-red (indication given by LED lighting up.)
Continuity Detector :	Buzzer sound for resistance less than about 100Ω.
Temperature Scale :	-50°C ~ 100°C (Lo) 0°C ~ 200°C (Hi) ±3% of scale Length
Accessory Functions :	Meter overload protection and circuit protection by means of fuse.
Meter :	Taut Band
Batteries Used :	In ohmmeter: One SUM-3 (Size AA) dry cell battery For power, phase and continuity detectors: One 006P 9V dry cell.
Dimensions and weight :	115H×135W×62D mm Approx. 540g
Accessories provided :	Test Leads Phase Detector Cord 0.5A Fuse Accessory Case

Optional Accessories :
9021-02 Thermistor Temperature Probe
9004-02 Clamp On Probe
9005-02 Clamp On Current Transducer

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