

**NEW**



Quality and reliability is our tradition

**KYORITSU**

## Analogue High Voltage Insulation Tester KEW 3124A

**Variable test voltage from 1kV to 10kV**



- **Permits a wide range of insulation testing up to 100GΩ at variable test voltage from 1kV to 10kV.**
- **DC voltage output for recorders.**
- **Output voltage is shown on the digital display.**
- **After tests, automatically discharges the charges stored in the circuit under test.**
- **Operated by rechargeable Nickel-metal hydride batteries.**

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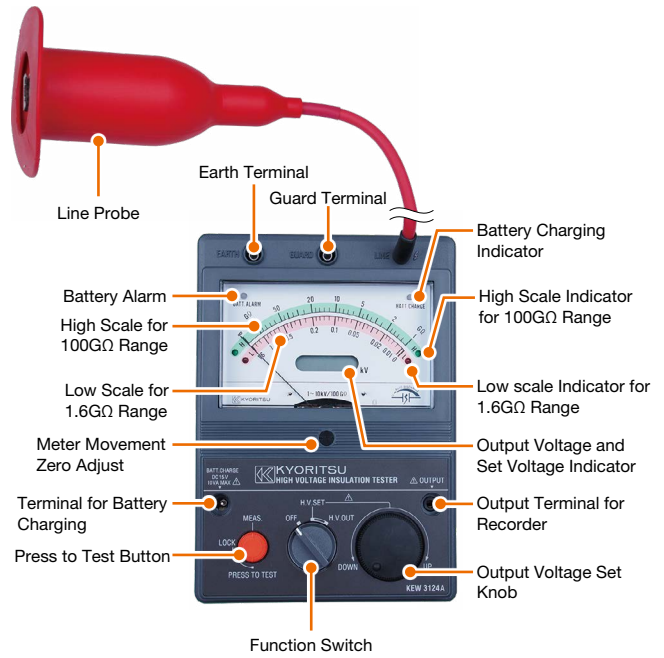
## ● KEW 3124A Specifications

|                                            |                                                                                                                                                                                                                                      |                     |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Test voltage                               | (variable) 1k - 10kV*1                                                                                                                                                                                                               | 1000V               |
| Measuring ranges<br>(Automatic change)     | 1.6GΩ/100GΩ<br>(Auto ranging)                                                                                                                                                                                                        | 100MΩ               |
| Measurement accuracy                       | 0.05GΩ - 50GΩ                                                                                                                                                                                                                        | 1 - 100MΩ           |
|                                            | ±10% rdg                                                                                                                                                                                                                             |                     |
| Other ranges accuracy                      | ±1% of scale length*2                                                                                                                                                                                                                | ±1% of scale length |
| Open circuit voltage                       | ±2%                                                                                                                                                                                                                                  | ±10%                |
| Output voltage and set<br>voltage indicate | DC 0-10kV ±2%rdg±2dgt                                                                                                                                                                                                                |                     |
| Power source                               | Ni-MH (1.2V) ×8 / External supply DC 15V                                                                                                                                                                                             |                     |
| Dimensions                                 | 200(L) × 140(W) × 80(D) mm                                                                                                                                                                                                           |                     |
| Weight                                     | 1.5kg approx.                                                                                                                                                                                                                        |                     |
| Included Accessories                       | 7082 (Lead for recorder)<br>7083 (Lead for battery charging)<br>7084 (Earth and guard leads)<br>8075 (120V) or 8080A (230V) (Battery charger)<br>9176 (Carrying case [Hard])<br>Ni-MH rechargeable battery × 8<br>Instruction manual |                     |

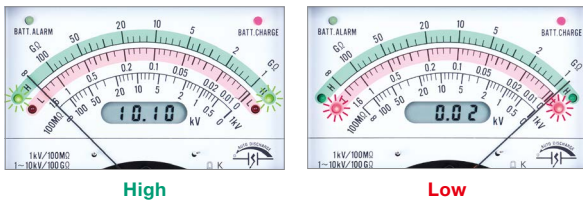
\*1 Variable in 10V increments

\*2 With measurement voltage less than 2kV, 0 to 100GΩ is not guaranteed accuracy

## ● KEW 3124A Instrument Layout



### Easy-to read autoranging dual scales



Easy-to-read autoranging dual scales for 1.6GΩ/100GΩ range that are colour coded for high and low resistance ranges. LED's illuminate in matching colour to indicate which range is operative.

### Variable Voltage Setting



Permits high voltage insulation testing up to 100GΩ at 1kV - 10kV. 100GΩ range features variable voltage setting between 1kV and 10kV using "Output Voltage Set Knob".



## ● Included Accessories



## ● Selection Guide

| Model            | KEW 3121B  | KEW 3122B   | KEW 3123A                                 | KEW 3124A                                |
|------------------|------------|-------------|-------------------------------------------|------------------------------------------|
| Range            | 1 range    | 1 range     | 2 ranges                                  | variable + 1 range                       |
| Test voltage     | 2500V      | 5000V       | 5000/10000V                               | 1k-10kV/1000V                            |
| Measuring ranges | 0.1 - 50GΩ | 0.2 - 100GΩ | 5000V: 0.2 - 100GΩ<br>10000V: 0.4 - 200GΩ | 1k-10kV: 0.05 - 50GΩ<br>1000V: 1 - 100MΩ |
| Power source     | R14 ×8     | R14 ×8      | R6 ×8                                     | Ni-MH(1.2V) ×8                           |
| Weight           | 1600g      | 1600g       | 1000g                                     | 1500g                                    |

**! Safety Warnings :** Please read the "Safety Warnings" in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

■ For inquires or orders :

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