



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.***

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

www.kew-ltd.co.jp

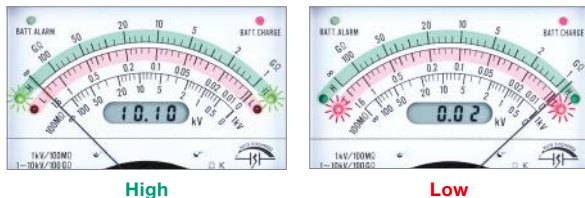
KEW 3124A Specifications

Test voltage	(variable) 1k - 10kV ^{*1}	1000V
Measuring ranges (Automatic change)	1.6GΩ/100GΩ (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 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) 7083 (Lead for battery charging) 7084 (Earth and guard leads) 8075 (120V) or 8080A (230V) (Battery charger) 9176 (Carrying case [Hard]) Ni-MH rechargeable battery × 8 Instruction manual	

*1 Variable in 10V increments

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

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.

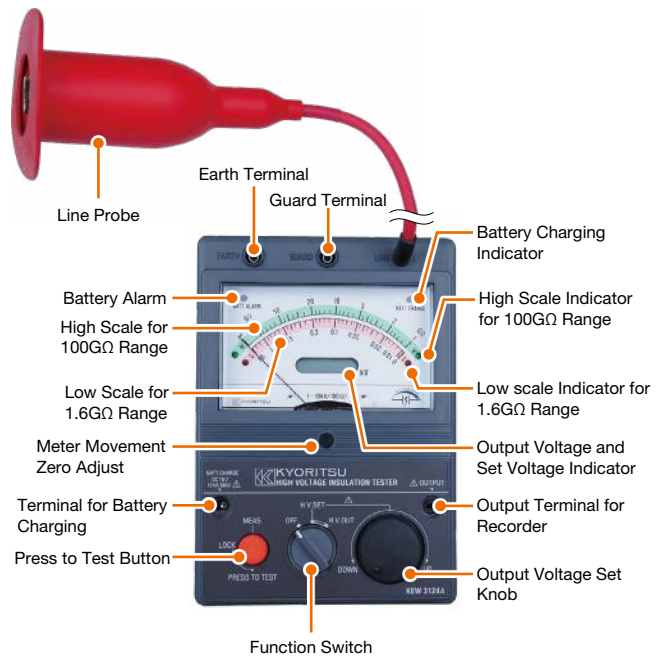
Variable Voltage Setting



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".



KEW 3124A Instrument Layout



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	5000V/10000V	1k-10kV/1000V
Measuring ranges	0.1 - 50GΩ	0.2 - 100GΩ	5000V: 0.2 - 100GΩ 10000V: 0.4 - 200GΩ	1k-10kV: 0.05 - 50GΩ 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 inquiries or orders :



**KYORITSU ELECTRICAL
INSTRUMENTS
WORKS, LTD.**

2-5-20, Nakane, Meguro-ku, Tokyo, 152-0031 Japan

Phone:+81-3-3723-0131

Fax:+81-3-3723-0152

E-mail:info-eng@kew-ltd.co.jp

www.kew-ltd.co.jp