

**NEW**

Quality and reliability is our tradition.



ISO 9001/EN 29001/BS 5750  
APPROVED BY BVI



**KYORITSU**

## SINGLE RANGE INSULATION TESTER Model 3165/3166 NOW AVAILABLE IN POCKET SIZE. SIMPLE & LOW COST.



MODEL 3165

- LOW COST AND HIGH QUALITY.
- 500V/1000M $\Omega$  & 600VAC.  
(MODEL 3165)
- 1000V/2000M $\Omega$  & 600VAC.  
(MODEL 3166)
- EXPANDED MEGOHM SCALE  
FOR EASY READING.
- NEW ROBUST HOUSING CASE BUILT TO  
PROVIDE PROTECTION FROM DAMAGE.
- AC VOLTMETER SCALE FOR EASY READING.
- NECK STRAP FOR TWO HAND OPERATION.

SINGLE RANGE  
ANALOGUE  
INSULATION TESTER

**KEW MEG**

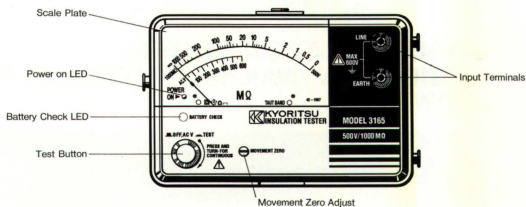
**Model 3165**  
● 500V/1000M $\Omega$

**Model 3166**  
● 1000V/2000M $\Omega$

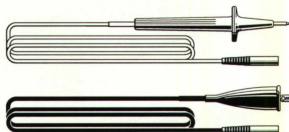
**KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.**

# IT WEIGHS ONLY 330g (batteries included). EASY OPERATION.

## INSTRUMENT LAYOUT



## STANDARD ACCESSORIES



MODEL 7025

## SPECIFICATIONS

MODEL No	3165	3166
Test Voltage	500V	1000V
Measuring Range	1000MΩ	2000MΩ
Mid-Scale Value	20MΩ	50MΩ
Output Voltage at Open Circuit	-0% or +20% of test Voltage	
Output Short Circuit Current	less than 230μA	less than 450μA
Primary Effective Measuring Range	1-500MΩ	2-1000MΩ
Secondary Effective Measuring Range	500-1000MΩ	1000-2000MΩ
Accuracy	±5% of indicated value at primary effective measuring range ±10% of indicated value at secondary effective measuring range ±0.7% of scale length at other measuring range including infinity and zero point	
Range	600V	
Accuracy	±3% of full scale value	

## GENERAL

**Power Supply:** 4×1.5V battery type SUM-3, AA, R6 or equivalent

**Overload Protection:** Insulation Tester Model 3165 600V (DC+AC p-p) for 10 seconds  
Model 3166 1200V (DC+AC p-p) for 10 seconds  
AC Voltmeter 720V AC rms 1 minute

**Operating Temperature & Humidity:** 0°C - +40°C at 85% max. relative humidity

**Storage Temperature & Humidity:** -10°C - +50°C at 75% max. relative humidity

**Withstand Voltage:** 3700V AC 50Hz or 60Hz for 1 minute across electrical circuit and housing case

**Insulation Resistance:** 50MΩ min. at 1000V DC across electrical circuit and housing case

**Accessories:** Model 7025 Test Leads, Neck Strap, Model 9067 Pouch for Test Leads, Batteries (R6×4pcs), Instruction Manual

**Dimensions:** 90(L)×137(W)×40(D)mm approx.

**Weight:** 330g approx. (batteries included)