



ISO 9001:2000, BS EN 9001  
APPROVED BY BVQI



Quality and reliability is our tradition

**KYORITSU**

# Advanced Digital Insulation / Continuity Tester

**NEW**



Test lead type 7103  
with remote control  
switch (as standard)

- 3021 (125/ 250/ 500/ 1000V )**
- 3022 ( 50/ 100/ 250/ 500V )**
- 3023 (100/ 250/ 500/ 1000V )**

- 3 functions in one unit, insulation test with 4 voltage ranges, continuity test, AC voltage measurement
- 200mA measuring current on continuity testing
- Comparator function with PASS / FAIL and buzzer
- 0Ω adjustment at continuity measuring range
- Memory function up to 99 data
- Backlight LCD provides easy reading in dark locations
- Safety lock system prevents an erroneous operation on 500 and 1000 Volt ranges
- Safety standard IEC 61010-01 CAT.Ⅲ 600V

**KEW MEG**

# KEW 3021/3022/3023

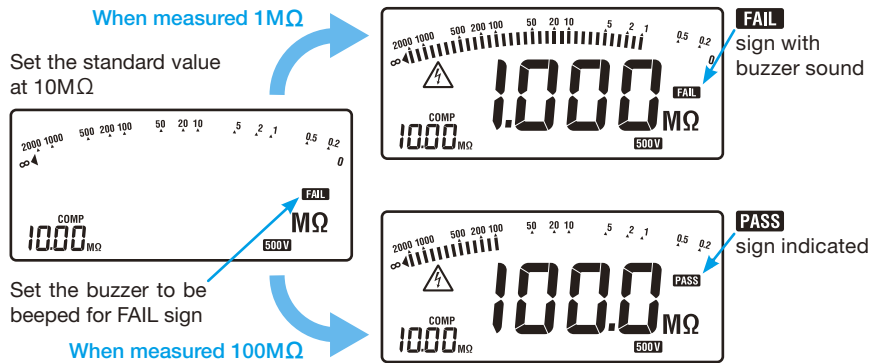
KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

## ● KEW 3021/3022/3023 Specifications

	3021				3022				3023			
Insulation resistance												
Test voltage	125V	250V	500V	1000V	50V	100V	250V	500V	100V	250V	500V	1000V
Measuring range (Auto range)	4.000/40.00/200.0MΩ		4.000/40.00/400.0/2000MΩ		4.000/40.00/200.0MΩ		4.000/40.00/400.0/2000MΩ		4.000/40.00/200.0MΩ		4.000/40.00/400.0/2000MΩ	
First Effective Measuring range	0.1~20MΩ	0.1~40MΩ	0.1~200MΩ	0.1~1000MΩ	0.1~20MΩ	0.1~40MΩ	0.1~200MΩ	0.1~200MΩ	0.1~20MΩ	0.1~40MΩ	0.1~200MΩ	0.1~1000MΩ
Mid-scale value	5MΩ		50MΩ		5MΩ		50MΩ		5MΩ		50MΩ	
Accuracy	±(2%rdg+6dgt)											
Second effective measuring range lower	0~0.099MΩ											
Second effective measuring range upper	20.01~200.0MΩ	40.01~2000MΩ	200.1~2000MΩ	1001~2000MΩ	20.01~200.0MΩ	40.01~2000MΩ	200.1~2000MΩ	200.1~2000MΩ	20.01~200.0MΩ	40.01~2000MΩ	200.1~2000MΩ	1001~2000MΩ
Accuracy	±(5%rdg+6dgt)											
Rated current	DC 1~1.2mA											
Output short circuit current	1.5mA max											
Ω/Continuity												
Auto range	40.00/400.0Ω											
Accuracy	±(2%rdg+8dgt)											
Output Voltage on open circuit	5V±20%											
Output short circuit current	DC 220±20mA											
Fuse	Quick acting ceramic fuse 0.5A/600V (φ6.35×32mm)											
AC Voltage												
Range	AC 20~600V (50/60Hz) DC -20~-600V/+20~+600V											
Accuracy	±(3%rdg+6dgt)											
General												
Other function	Data hold, Zero Ω ADJ., Auto discharge, Bar graph display, Memory, Comparator, Live circuit warning, Auto power off, Battery alarm, Backlight, Safety lock, Remote measurement, Measurement button lock (Continuous measurement)											
Safety standard	IEC/EN 61010-1: 2001 CAT. III 600V IEC/EN 61557-1,2,4											
EMC standard	IEC/EN 61326-1 (CE marking)											
IP rating	IP40											
Dimensions / Weight	105 (L) × 158 (W) × 70 (D) mm / 600g approx.											
Power source	R6P×6 or LR6×6											
Accessories	Test lead with remote control switch (7103), Safety crocodile clip (7131), Test bar (7161), Extension prod (8017), Cord case (9120), Shoulder strap (9121), R6P (AA) ×6, Instruction Manual											

### Comparator Function

Select and set the standard resistance value in each measuring range, and compare it with readings. Notice the result of comparison by the **FAIL** or **PASS** sign on the display, and by buzzer sound in same time. Buzzer can be set either for **FAIL** or **PASS** at your choice.

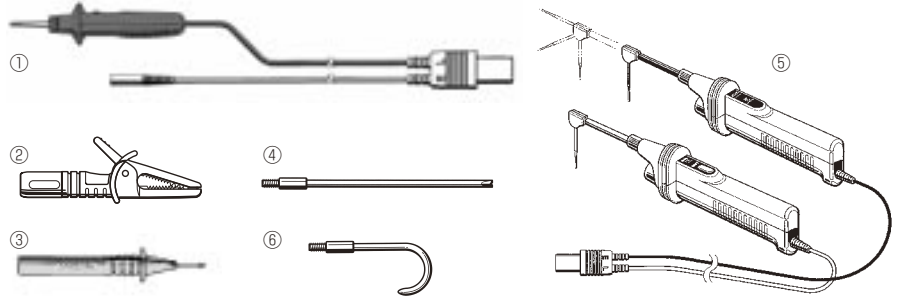


### ● Accessories

Model Name	Model No.
① Test lead with remote control switch	MODEL 7103
② Safety crocodile clip	MODEL 7131
③ Test bar	MODEL 7161
④ Extension prod	MODEL 8017
Cord case	MODEL 9120
Shoulder Strap	MODEL 9121

### ● Optional Accessories

Model Name	Model No.
⑤ Extension Probe	MODEL 7115
⑥ Pickle type prod	MODEL 8016
Carrying case	MODEL 9089



**! 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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