



## Kyoritsu 3021A digital insulation / continuity testers

### Features at a glance

- Fast response and quick insulation test.
- 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 erroneous operation

### Specifications



Insulation resistance				
Test voltage	125V	250V	500V	1000V
Measuring range (Auto range)	4.000 / 40.00 / 200.0MΩ			
First effective measuring range	0.2 - 20MΩ	0.2 - 40MΩ	0.2 - 200MΩ	0.2 - 1000MΩ
Mid-scale value	5MΩ		50MΩ	
Accuracy	±2%rdg±6dgt			
Second effective measuring range lower	0.110 - 0.199MΩ			
Second effective measuring range upper	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				
Applicable Standards	IEC 61010-1 CATIII 600V IEC 61557-1,2,4 IEC 61326-1(EMC) IEC 60529(IP40)			
Dimensions / Weight	105(L) × 158(W) × 70(D)mm / 600g approx.			
Power source	R6×6 or LR6×6			
Accessories	7150A(Test Lead with remote control switch set) 8923 Fuse (0.5A/600V) 9121(Shoulder strap) R6(AA) × 6 Instruction manual			