



**Comparison sheet with Sanwa and Fluke**  
**Digital Insulation Resistance Tester**

Brand Name	Sanwa							Fluke				
Model name	MG5000							1550C				
Appearance												
	Measurement of Insulation Resistance							Measurement of Insulation Resistance				
Test Voltage(DC)	250V	500V	1000V	2500V	5000V			250V	500V	1000V	2500V	5000V
Range	0.0~104.9MΩ	0.0~99.9MΩ 80~1049MΩ	0.0~99.9MΩ 80~999MΩ 0.80~2.09GΩ	0.0~99.9MΩ 80~999MΩ 0.80~9.99GΩ 8.0~104.9GΩ	0.0~99.9MΩ 80~999MΩ 0.80~9.99GΩ 8.0~99.9GΩ	80~1000GΩ	1011~1199GΩ	200k~5GΩ 5G~50GΩ	200k~10GΩ 10G~100GΩ	200k~20GΩ 20G~200GΩ	200k~50GΩ 50G~500GΩ	200k~100GΩ 100G~1TΩ
Accuracy	±5%+3	±5%+3	±5%+3	±5%+3	±5%+3	±20%	—	5% 20%	5% 20%	5% 20%	5% 20%	5% 20%
Short circuit current	<b>3mA~4mA</b>							2mA				
	Voltage measurement							Voltage measurement				
Range	AC : 30~1000V(50/60Hz) DC : 30~1000V							AC : ±30~± <b>1100V</b> (50/60Hz) DC : ±30~± <b>1100V</b>				
Accuracy	<b>±2% +3dgt</b>							±15% +2V				
PI	●							●				
DARI	●							●				
Safety standards	IEC61010-1 CAT.III 1000V/CAT.IV 600V IEC61010-2-030, IEC61010-031, IEC61557-1.2							IEC61010-1 CAT.III 1000V/CAT.IV 600V IEC61326-1, 2-2, IEC61557-1.2				
IP rate	<b>IP54</b>							IP40( <b>IP67</b> hard case is for KIT set)				
Battery	LR14 x 8							12V lead-acid rechargeable battery				
Size / Mass	H188 x W225 x D97mm / 1750g(Batteries included)							H170 x W242 x D330mm / 3600g(Batteries included)				
Standard accessories included	Test lead(TL-5k) RED・Black・Green each 3m, Carrying case(C-MG5k), Instruction manual, Battery(LR14 x 8)							Test lead(RED・Black・Green), Carrying case, Instruction manual, AC Power code, CD-ROM, Infrared adapter with interface cable				