



Comparison sheet with Sanwa and Kyoritsu
Digital Insulation Resistance Tester

Brand Name	Sanwa							Kyoritsu				
Model name	MG5000							3125A				
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	0.0~100.0MΩ	0.0~99.9MΩ 80~1000MΩ	0.0~99.9MΩ 80~999MΩ 0.80~2.00GΩ	0.0~99.9MΩ 80~999MΩ 0.80~9.99GΩ 8.0~100.0GΩ	0.0~99.9MΩ 80~999MΩ 0.80~9.99GΩ 8.0~99.9GΩ 80~1000GΩ
Accuracy	±5%+3	±5%+3	±5%+3	±5%+3	±5%+3	±20%	—	±5%+3	±5%+3	±5%+3	±5%+3	±5%+3 ±20%rdg(100G or more)
Short circuit current	3mA~4mA							1.5mA				
	Voltage measurement							Voltage measurement				
Range	AC : ±30~±1000V(50/60Hz) DC : ±30~±1000V							AC : ±30~±600V(50/60Hz) DC : ±30~±600V				
Accuracy	±2% +3dgt							±2% +3dgt				
PI	●							●				
DAR	●							●				
Safety standards	IEC61010-1 CAT.III 1000V/CAT.IV 600V IEC61010-2-030, IEC61010-031, IEC61557-1.2							IEC61010-1 CAT.III 600V/CAT.IV 300V IEC61010-2-030, IEC61010-031, IEC61326-1, 2-2				
IP rate	IP54							-				
Battery	LR14 x 8							LR14/R14 x 8				
Size / Mass	H188 x W225 x D97mm / 1750g(Batteries included)							H177 x W226 x D100mm / 1900g(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(7165A(3m), 7264(3m), 7265(3m)), Carrying case(9180), Hook type prod(8019), Instruction manual, Battery(LR14 x 8)				