

Insulation resistance

Test voltage	50V/100V/125V/250V/500V/1000V
Measuring range (Auto range)	100.0M Ω (50V) 200.0M Ω (100V) 250.0M Ω (125V) 500.0M Ω (250V) 20.00G Ω (500V) 40.00GM Ω (1000V)
Mid-scale value	2M Ω (50V) 5M Ω (100V/125V) 10M Ω (250V) 100M Ω (500V) 200M Ω (1000V)
First effective measuring range	0.100 ~ 10.00M Ω (50V) 0.100 ~ 20.00M Ω (100V) 0.100 ~ 25.00M Ω (125V) 0.100 ~ 50.0M Ω (250V) 0.100 ~ 500M Ω (500V) 0.100 ~ 1000M Ω (1000V)
Accuracy	$\pm 2\%$ rdg ± 2 dgt
Second effective measuring ranges	0.050 ~ 0.099M Ω (50V/100V/125V/250V/500V/1000V) 10.01 ~ 100.0M Ω (50V) 20.01 ~ 200.0M Ω (100V) 25.01 ~ 250.0M Ω (1250V) 50.1 ~ 500M Ω (250V) 501 ~ 2000M Ω (500V) 1001 ~ 4000M Ω (1000V)
Accuracy	$\pm 5\%$ rdg
Rated current	1.0 ~ 1.1mA
Output short circuit current	1.5mA max

Ω / Continuity

Auto range	40.00/400.0/4000 Ω
Accuracy	$\pm 2.5\%$ rdg ± 8 dgt
Output voltage on open circuit	5V (4~6.9V)
Output short circuit current	200mA max

Voltage

Voltage range	AC 2.0~600V (45~65Hz) DC -2.0~-600V +2.0~+600V
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Accuracy	$\pm 1\%rdg \pm 4dgt$
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General

Applicable standards	IEC61010 CAT III 600V/CAT IV 300V IEC61557-1,2,4 IEC61326-1,-2-2 IEC60529 (IP40)
Power source	LR6/R6 (AA) (1.5V) x4
communication interface	USB
Dimensions / Weight	97(L) x 156(W) x 46(D) mm / 490g approx (including battery)
Included Accessories	7260 (Test leads with remote control switch) 7261A (Test leads with alligator clip) 8017A (Extension prod long) 9173 (Carrying case) 9121 (Shoulder strap) LR6 (AA) (1.5V) x4 Instruction manual
Optional Accessories	7243A (L-shaped probe) 8016 (Hook type prod) 8212-USB (USB adaptor with "KEW Report (software)")