

KEW ANALOGUE MULTIMETERS

Kyoritsu analogue multimeters are the products of our technical expertise gained from more 50 years of panel meter production.

Made of high quality, high performance meter movements, all of our multimeters are used for a wide range of testing application in the field.

MODEL 1106



- Designed for safety.
- Slim, compact lightweight and truly portable.
- Sloping front panel permits easy reading.

MODEL 1108



- Sloping front panel for easy reading. Tilt stand to allow for an optimum viewing angle.
- Fuse and diode protected circuitry.

Selection Guide

MODEL	1106	1108	1109	1110
Sensitivity (DC)	5k Ω /V	20k Ω /V	20k Ω /V	20k Ω /V
DCV	●	●	●	●
ACV	●	●	●	●
DCA	●	●	●	●
ACA		●	●	
Ω	●	●	●	●
LED				●
Decibel		●	●	
Temperature	●	●		●
Battery Test	●	●		●

Optional Accessories



■ Model 7060
Temperature Probe



■ Model 7069
10kV High Voltage Probe

⚠ WARNING

To avoid electrical shock hazards never use the multimeters on an industrial power line above 250V.

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MODEL 1109



- Mirrored scale for easy and accurate reading.
- Fuse and diode protected circuit (except 15A AC range).
- Output terminal to cut off DC component when measuring AC voltage.
- Safety designed input terminals and test leads.

MODEL 1110



- High sensitivity DC20k Ω /V.
- Polarity selector switch.
- 1m drop-proof heavy duty designed taut-band movement.
- Can measure line voltage up to AC 600V. (Voltage to ground MAX AC300V) (Protected by 600V ceramic fuse against accidental overload)
- Continuity buzzer, battery check, LED check, temperature measurement function.
- Skeleton type robust and clear case with carrying handle furnished as standard accessory.

Specifications

MODEL	Model 1106	Model 1108	Model 1109	Model 1110
DC V	0.5/5/25/100/250/500V (5k Ω /V) $\pm 3\%$ of FS	0.25/1/2.5/5/10/25/50/ 100/250/500/1000V $\pm 3\%$ of FS (20k Ω /V)	0.1/0.5/2.5/10/50/250/1000V $\pm 3\%$ of FS (20k Ω /V)	0.3V(16.7k Ω /V) $\pm 3\%$ of FS 3/12/30/120/300/600V(20k Ω /V) $\pm 3\%$ of FS
AC V	10/50/250/500V(2.5k Ω /V) $\pm 3\%$ of FS	1/2.5/5/10/25/50/100/ 250/500/1000V(20k Ω /V) $\pm 3\%$ of FS, $\pm 5\%$ (1V, 2.5V)	10/50/250/1000V(9k Ω /V) $\pm 3\%$ of FS	12V(9k Ω /V) $\pm 4\%$ of FS 30/120/300/600V(9k Ω /V) $\pm 3\%$ of FS
DC A	200 μ A/2.5/25/250mA $\pm 3\%$ of FS $\pm 5\%$ of FS(250mA)	50 μ A/2.5/25/500mA/10A $\pm 3\%$ of FS	50 μ A/2.5/25/250mA $\pm 3\%$ of FS	60 μ A/30/300mA $\pm 3\%$ of FS
AC A	—	10A $\pm 3\%$ of FS	15A $\pm 3\%$ of FS	—
Ω	3/30/300k Ω $\pm 3\%$ of scale length	5/50/500k Ω /5M Ω $\pm 3\%$ of scale length	2/20k Ω /2/20M Ω $\pm 3\%$ of scale length	3/30/300k Ω $\pm 3\%$ of scale length
Continuity buzzer	—	—	—	Buzzer sounds below 100 Ω
Decibel	—	-20~+22dB	-10~+62dB	—
hFE	—	—	0~1000($\Omega \times 10$) $\pm 3\%$ of scale length	—
LED	—	—	—	10mA approx. at 0 Ω (at 3V of battery voltage)
Temperature	-20°C~+150°C $\pm 5^\circ$ C(0°C~+100°C), $\pm 10^\circ$ C(other ranges) (with the use of Temperature probe 7060)			-20°C~+150°C $\pm 5^\circ$ C(0°C~+100°C), $\pm 10^\circ$ C(other ranges) (with the use of Temperature probe 7060)
Battery Test	2V(20 Ω load)	2.5V(10 Ω load)	—	1.5V(0.7~2V) $\pm 3\%$ of FS (10 Ω load)
Maximum Circuit Voltage	—	—	—	600V AC/DC (between line/neutral) 300V AC/DC (against earth)
Safety Standard	—	—	—	IEC61010-1 CAT. III 300V Pollution Degree 2 CAT. II 600V Pollution Degree 2 IEC61010-2-031
Withstand Voltage	3000V AC for 1 minute		6000V AC for 1 minute	3700V AC for 1 minute
Power Source	R6P(AA)(1.5V) \times 1	R6P(AA)(1.5V) \times 2	R6P(AA)(1.5V) \times 2, 6F22(9V) \times 1	R6P(AA)(1.5V) \times 2
Dimensions	130(L) \times 85(W) \times 38(D)mm	188(L) \times 102(W) \times 45(D)mm	150(L) \times 100(W) \times 47(D)mm	94(L) \times 140(W) \times 39(D)mm
Weight	175g approx.	350g approx.	330g approx.	280g approx.
Accessories	7066(Test Leads) 8901(0.5A/250V fuse) \times 1 R6P(AA) \times 1 Instruction Manual	7066(Test Leads) 8901(0.5A/250V fuse) \times 2 9012(Carrying Case) R6P(AA) \times 2 Instruction Manual	7085(Test Leads) 8901(0.5A/250V fuse) \times 2 R6P(AA) \times 2 6F22 \times 1 Instruction Manual	7066(Test Leads) 8923(F500mA/600V fuse) \times 2 R6P(AA) \times 2 9103(Carrying Case) Instruction Manual
Optional	9059(Carrying Case) 7060(Temperature Probe)	7060(Temperature Probe) 7069(10kV High Voltage Probe)	9076(Carrying Case)	7060(Temperature Probe)

※FS : full scale