

High Accuracy, High Performance and Reliable Measurements

- 0.09% basic DC accuracy
- Large display with 6,000 counts
- True-RMS Measurements
- True-RMS or MEAN value detection mode can be selected \*
- Low-pass filter for motor drive measurements
- User calibration function

Safety design for industrial use

- Complies with IEC 61010-1 CAT.IV 600V, CAT.III 1000V
- Terminal shutter to prevent incorrect test leads' insertion in current terminals
- Very wide operating temperature range from -10 to 55°C

Reliable support for data management \*

- Large data internal memory \*  
KEW 1052: 1,600 data (logging), 100 data (manual)
- Download data and Live Monitoring on a PC via the USB interface (Option for USB Communication set) \*

\* Only for KEW 1052



CE

(Photo: 1052)

NEW

TRUE  
RMS

CAT.IV  
600V

	KEW 1051	KEW 1052
Detection mode	RMS	MEAN/RMS (switch)
DC V	600.0mV/6.000/60.00/600.0/1000V (Input impedance: 10MΩ [600mV/60/600/1000V], 11MΩ [6V])  ±0.09%rdg±2dgt (Basic accuracy)	
AC V [RMS]	600.0mV/6.000/60.00/600.0/1000V (Input impedance: 10MΩ<200pF [600mV], 11MΩ<50pF	

	[6V], 10M $\Omega$ <50pF [60/600/1000V])  $\pm 0.5\% \text{rdg} \pm 5 \text{dgt}$ (Basic accuracy)
DC A	600.0/6000 $\mu$ A/60.00/440.0mA/6.000/10.00A  $\pm 0.2\% \text{rdg} \pm 2 \text{dgt}$ (Basic accuracy)
AC A [RMS]	600.0/6000 $\mu$ A/60.00/440.0mA/6.000/10.00A  $\pm 0.75\% \text{rdg} \pm 5 \text{dgt}$ (Basic accuracy)
$\Omega$	600.0 $\Omega$ /6.000/60.00/600.0k $\Omega$ /6.000/60.00M $\Omega$  $\pm 0.4\% \text{rdg} \pm 1 \text{dgt}$ (Basic accuracy)
Continuity buzzer	600.0 $\Omega$ (The buzzer turns on for resistances lower than 50 $\pm 30\Omega$ )
Diode test	2.000V $\pm 1\% \text{rdg} \pm 2 \text{dgt}$ Open circuit voltage: <3.5V (Approx. 0.5mA Measuring Current)
Capacitance	10.00/100.0nF/1.000/10.00/100.0/1000 $\mu$ F  $\pm 2\% \text{rdg} \pm 5 \text{dgt}$ (Basic accuracy)
Frequency	10.00~99.99/90.0~999.9Hz/0.900~9.999/9.00~99.99kHz  $\pm 0.02\% \text{rdg} \pm 1 \text{dgt}$ (Basic accuracy)
Temperature	-50~600 $^{\circ}$ C $\pm 2\% \text{rdg} \pm 2^{\circ}$ C (with the use of K-type Temperature probe)
Other functions	Data Hold (D/H), Auto Hold (A/H), Range Hold (R/H), Maximum value (MAX) *, Minimum value (MIN) *, Average value (AVG) *, Zero Adjustment (Capacitor, Resistance), Save to Memory *, LCD backlight
Withstand voltage	6,880V/5 sec.
Applicable standards	IEC 61010-1 CAT.IV 600V, CAT.III 1000V Pollution degree 2, IEC 61010-031, IEC 61326-1 (EMC)
Power source	R6P (1.5V) $\times 4$ (Auto power off: approx. 20 minutes)
Dimensions	192(L) $\times$ 90(W) $\times$ 49(D) mm
Weight	Approx. 560g (including batteries)
Accessories	<a href="#">7220</a> (Test Leads), R6P $\times 4$ , Instruction manual, 8926 (Fuse [440mA/1000V]) $\times 1$ (included) 8927 (Fuse [10A/1000V]) $\times 1$ (included)

\* Only for KEW 1052

## Option

Description	Model	Specification
Crocodile clip test lead	<a href="#">7234</a>	CAT.IV 600V, CAT.III 1000V
AC/DC Clamp Sensor	<a href="#">8115</a>	AC 130A/DC 180A
USB Communication set	<a href="#">8241</a>	USB adaptor + USB cable + DMM Software
DMM Printer full set	<a href="#">8249</a>	8243 + 8246 + 8248
Printer Communication set	<a href="#">8243</a>	Printer Adapter + RS232 cable
Printer	<a href="#">8246</a>	Printer + Thermal paper (1 roll)
AC adapter for printer [EU]	<a href="#">8248</a>	AC230V±10%
Thermal paper for printer	8247	10 rolls
Temperature probes	<a href="#">8405</a>	Max. 500°C (Surface type, Point material: Ceramic)
	<a href="#">8406</a>	Max. 500°C (Surface type)
	<a href="#">8407</a>	Max. 700°C (Liquid, Semi-solid)
	<a href="#">8408</a>	Max. 600°C (Air, Gas)
Carrying case	<a href="#">9154</a>	for the main unit with test leads and communication cable