

DIGITAL MULTIMETERS



photo : 1052



photo : 1062

KEW 1051/1052 KEW 1061/1062

TRUE RMS CAT IV 600V DC AC V DC AC A Ω LP-Ω Hz DUTY °C dB DATA HOLD PEAK HOLD MAX/MIN AVG REL Filter

1061,1062 1062 1061,1062 1061,1062 1062 1062 Except for 1051 Except for 1051

Except for 1051 USB AUTO POWER OFF

- True-RMS or MEAN value detection mode can be selected *only for 1052, 1062
- DC+AC TRMS Measurement *only for 1061, 1062
AC and DC values are displayed simultaneously via dual display.
- Fast Peak Hold response time of 250µs *only for 1062
- Low-pass filter *except for 1061
- Low Power-Ω measurements *only for 1062
- 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 -20 to +55°C for 1061/1062
From -10 to +55°C for 1051/1052

Reliable support for data management

*except for 1051

- Large data internal memory
- Download data and Live Monitoring on a PC via the USB interface (Option for USB Communication set)

High Accuracy, High Performance and Reliable Measurements

- Top accuracy
0.02% basic DC accuracy for 1061/1062.
0.09% basic DC accuracy for 1051/1052.
- Dual display
1061/1062: 50,000 counts, Bar graph with 51 segments. White back light display.
1051/1052: 6,000 counts, Bar graph with 31 segments. Orange back light display.
- True-RMS Measurements
- Wide AC Frequency bandwidth from 10Hz to 100kHz *only for 1062

	1051	1052	1061	1062
Detection mode	RMS	MEAN/RMS (switch)	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 *		50.000/500.00/2400.0mV/5.0000/50.000/500.00/1000.0V (Input impedance: Approx. 100MΩ [50/500/2400mV], 10MΩ [5/50/500/1000V]) ±0.02%rdg±2dgt *	
AC V [RMS]	600.0mV/6.000/60.00/600.0/1000V (Input impedance: 10MΩ<200pF [600mV], 11MΩ<50pF [6V], 10MΩ<50pF [60/600/1000V]) ±0.5%rdg±5dgt *		50.000*/500.00mV/5.0000/50.000/500.00/1000.0V (Input impedance: 11MΩ<50pF [50/500mV/5V], 10MΩ<50pF [50/500/1000V]) ±0.7%rdg±30dgt *	*1062only ±0.4%rdg±30dgt *
AC V [MEAN]	-	600.0mV/6.000/60.00/600.0/1000V (Input impedance: 10MΩ<200pF [600mV], 11MΩ<50pF [6V], 10MΩ<50pF [60/600/1000V]) ±0.5%rdg±5dgt *	-	50.000/500.00mV/5.0000/50.000/500.00/1000.0V (Input impedance: 11MΩ<50pF [50/500mV/5V], 10MΩ<50pF [50/500/1000V]) ±1%rdg±30dgt *
DCV+ACV	-	-	5.0000/50.000/500.00/1000.0V (Input impedance: 11MΩ<50pF [5V], 10MΩ<50pF [50/500/1000V]) ±1%rdg±10dgt *	±0.5%rdg±10dgt *
DC A	600.0/6000µA/60.00/440.0mA/6.000/10.00A ±0.2%rdg±2dgt *		500.00/5000.0µA/50.000/500.00mA/5.0000/10.000A ±0.2%rdg±5dgt *	
AC A [RMS]	600.0/6000µA/60.00/440.0mA/6.000/10.00A ±0.75%rdg±5dgt *		500.00/5000.0µA/50.000/500.00mA/5.0000/10.000A ±1%rdg±20dgt *	±0.75%rdg±20dgt *
AC A [MEAN]	-	-	-	500.00/5000.0µA/50.000/500.00mA/5.0000/10.000A ±1.5%rdg±20dgt *
DCA+ACA	-	-	500.00/5000.0µA/50.000/500.00mA/5.0000/10.000A ±1.5%rdg±10dgt *	±1%rdg±10dgt *
Ω	600.0Ω/6.000/60.00/600.0kΩ/6.000/60.00MΩ ±0.4%rdg±1dgt *		500.00Ω/5.0000/50.000/500.00kΩ/5.0000/50.000MΩ ±0.1%rdg±2dgt *	±0.05%rdg±2dgt *
LowPower-Ω	-	-	-	5.000/50.00/500.0kΩ/5.000MΩ ±0.2%rdg±3dgt *
Continuity buzzer	600.0Ω (The buzzer turns on for resistances lower than 50±30Ω)		500.0Ω (The buzzer turns on for resistances lower than 100±50Ω)	
Diode test	2.000V ±1%rdg±2dgt Open circuit voltage: <3.5V (Approx. 0.5mA Measuring Current)		2.4000V ±1%rdg±2dgt Open circuit voltage: <5V (Approx. 0.5mA Measuring Current)	
Capacitance	10.00/100.0nF/1.000/10.00/100.0/1000µF ±2%rdg±5dgt *		5.000/50.00/500.0nF/5.000/50.00/500.0µF/5.000/50.00mF ±1%rdg±5dgt *	
Frequency	10.00 - 99.99/90.0 - 999.9Hz/0.900 - 9.999/9.00 - 99.99kHz ±0.02%rdg±1dgt *		2.000 - 9.999/9.00 - 99.99/90.0 - 999.9Hz/0.900 - 9.999/9.00 - 99.99kHz ±0.02%rdg±1dgt *	
DUTY	-	-	10 - 90% ±1%rdg	
Temperature	-50 - 600°C ±2%rdg±2°C (with the use of K-type Temperature probe)		-200 - 1372°C ±1%rdg±1.5°C (with the use of K-type Temperature probe)	
Applicable Standards	IEC 61010-1 CAT IV 600V, CAT III 1000V Pollution degree 2, IEC 61326-1 (EMC)			
Power source	R6 (1.5V) × 4 (Auto power off: approx. 20 minutes)			
Dimensions	192(L) × 90(W) × 49(D) mm			
Weight	Approx. 560g (including batteries)			
Accessories	7220A (Test Leads), R6 × 4, 8926 (Fuse [440mA/1000V]) × 1 (included), 8927 (Fuse [10A/1000V]) × 1 (included), Instruction manual			

*Basic accuracy : For the detailed accuracy, please see our product catalog on our website.