

ET2604

Automotive Multimeter

Automotive DMM with inductive pick up & K type temperature probe. RPM measurement with millisecond pulse duty cycle and dwell angle. Data hold & relative functions included.



SPECIFICATIONS

FUNCTION	RANGE	BASIC ACCURACY
VOLTAGE DC	400MV, 4V, 40V, 400V, 1000V	±(0.5%+2D)
VOLTAGE AC	400MV, 4V, 40V, 400V, 700V	±(0.8%+4D)
CURRENT DC	400UA, 4000UA, 40MA, 400MA, 4A, 20A	±(1.2%+2D)
CURRENT AC	400UA, 4000UA, 40MA, 400MA, 4A, 20A	±(1.5%+4D)
RESISTANCE	400Ω, 4KΩ, 40KΩ, 400KΩ, 4MΩ, 40MΩ	±(0.8%+3D)
RPM (TACH)	600 - 4000RPM; 600 - 12000RPM (X10RPM)	±(2.0%+2D)
DWELL ANGLE	4, 5, 6, 8CYL	±(2.5%+2D)
DUTY CYCLE	0.1-99.9%	±(1.5%+2D)
FREQUENCY	0.001HZ-9.99MHZ	±(2.0%+2D)
TEMPERATURE	-20°C - 760°C / -4°F - 1400°F	±(3.0%+2D)
IR TEMPERATURE	-20°C - 550°C / -4°F - 1022°F	±(3.0%+2D)
CAPACITANCE	40NF, 400NF, 4UF, 40UF, 400UF, 4MF, 40MF	±(3.0%+2D)
PULSE WIDTH	0.1-10MS	±(3.0%+5D)
DIODE CHECK	OPEN CIRCUIT VOLTAGE 3V DC; TEST CURRENT 0.3MA TYPICAL.	
CONTINUITY TEST	THRESHOLD 30Ω, CONTINUITY BEEPER 2.KHZ	



FEATURES & BENEFITS

- » IP67 dust and waterproof rating
- » 20A fused current inputs and overload protection
- » High contrast 4000 counts display with backlight
- » Functions including DCV, ACV, DCA, ACA, Resistance, RPM (Tach), Dwell angle, Duty cycle, Frequency, Temperature (IR Temperature) (°C/°F), Capacitance, Continuity and Diode Check
- » CAT IV 600V, CAT III 1000V
- » Data Hold and Relative functions.
- » Over-range indication
- » Auto Power Off.
- » Measures Milliseconds pulse width to test on-time of fuel injectors, idle air control motors, and electronic transmission controls.

Endeavour Tools Multimeters / Oscilloscopes

Endeavour Tools has an extensive range of multimeters, covering everything from entry level meters to 2 or 4 channel oscilloscopes and everything in between!

Our multimeters / oscilloscopes are all made with the professional in

mind, offering high spec features and new to market innovations. There is a multimeter and oscilloscope to suit all uses and budgets.

Endeavour multimeters / oscilloscopes can be relied on time and time again.

MULTIMETERS

	ET2301A	ET2301B	ET2301C	ET2301D	ET2404	ET2504	ET2604	ET7840	ET7842
									
TYPE	COMPACT DMM	COMPACT DMM	COMPACT DMM	COMPACT DMM	WAVE GENERATOR	BLUETOOTH	AUTOMOTIVE	DMM SCOPE	OSCILLOSCOPE
AUTO / MANUAL RANGING	MAN	AUTO	AUTO/MAN	AUTO/MAN	AUTO	AUTO/MAN	AUTO	AUTO	AUTO
COUNTS	1999	6000	9999	9999	6000	6000	4000	4096	6000
SAFETY RATING	CAT III 600V	CAT III 600V	CAT III 600V	CAT III 600V		CAT III 1000V	CAT IV 600V	CAT II 300V	CAT II 400V
DC VOLTAGE	200mV – 600V	1000V	999.9V	1000V	1000V	1000V	1000V	1000V	1000V
AC VOLTAGE	200V – 600V	750V	750V	750V	750V	750V	700V	600V	400V
AC CURRENT	N/A	10A	9.999A	10A	20A	20A	20A	OPTIONAL CLAMP	20A
DC CURRENT	2mA - 10A	10A	9.999A	10A	20A	20A	20A	OPTIONAL CLAMP	20A
BACKLIGHT	*	*	*	*	*	*	*	*	*
RESISTANCE	200Ω - 2MΩ	60MΩ	99.99MΩ	99.99MΩ	60MΩ	60MΩ	40MΩ	20.00KΩ	400Ω
CAPACITANCE		9.999MF	9.999MF	9.999MF	99.99MF	4000μF	40MF		51.2nF - 100μF
FREQUENCY		9.999MHZ	9.999MHZ	5.000MHZ	9.999MHZ	9.999MHZ	9.99MHZ	DC TO 200KHZ	
DUTY CYCLE		*	*	*	*	0.01-99.9%	0.1-99.9%	5-90%	
DIODE TEST	*	*	*	*	*	*	*		
CONTINUITY BUZZER	*	*	*	*	*	*	*	*	
TEMPERATURE	-20°C – 1000°C	-20°C – 1000°C	-20°C – 1000°C	-20°C – 1000°C	-50°C – 1100°C	-50°C – 400°C	-20°C – 760°C	-50°C – 220°C	
SAMPLE RATE					3 PER/SEC	3 PER/SEC		2MS / SEC	100MS/SEC
OSCILLOSCOPE BANDWIDTH								200KHZ	0MHZ
SPECIAL FUNCTIONS									
AUTOMOTIVE					*		*	*	
DATA HOLD	*	*	*	*	*	*	*	*	*
BLUETOOTH APP						*			
NON CONTACT VOLTAGE (AC)			*	*					
OSCILLOSCOPE (2 CHANNEL)								*	*
SQUARE WAVE GENERATOR					*				
HEF (TRANSISTOR CURRENT GAIN)	*								
BANANA JACKS	*	*	*	*	*	*	*	*	*
BMC CONNECTOR									2
LOW BATTERY ALERT		*	*	*	*	*	*	*	*
AUTO POWER OFF		*	*	*	*	*	*	*	*
RELATIVE MEASUREMENT				*		*	*		*
TRUERMS READING		*	*	*	*	*	*		*
VARIABLE RESISTOR FUNCTION					200Ω-200KΩ				
REMOTE RECORDING						168 HRS			