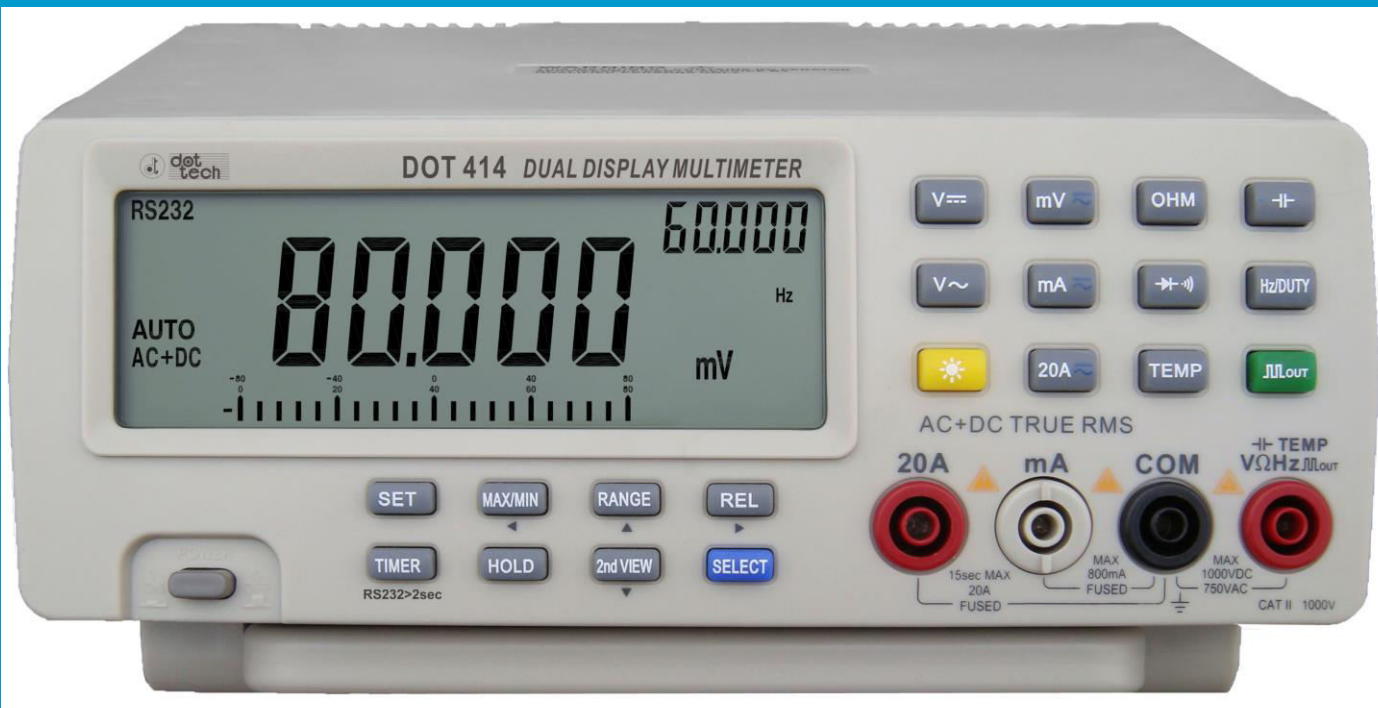




BENCH TYPE MULTIMETER 4-7/8 DIGITS, 80000 COUNTS, RS 232, MODEL DOT 414



Features:

1. Large LCD, High contrast, wide visual angle LCD display, white backlight;
2. Dual-display: Main display 80000, Vice-display 80000, Analog bar 21 sect., unit, and function symbol complete;
3. 50 kinds of measuring function, With basic DCV, ACV, DCA, ACA, Ω , CAP, Hz, TEMP, diode and Continuity measuring function etc;
4. Frequency measuring can reach 80MHz;
5. Standard function generator: 18 kinds of frequency, 1%—99% Duty cycle, 1800 pcs wave output;
6. Single analyzed: (AC+DC) measuring synchronous, (AC+Hz) measuring synchronous, (DC+dBm) measuring synchronous, (dBm+Hz) measuring synchronous, (Hz+Duty) measuring synchronous, ($^{\circ}\text{C} + ^{\circ}\text{F}$) displaying synchronous;
7. Resistance measuring: 0.01 Ω -80M Ω ;
8. Capacitance measuring: 10nF-100 μF ;
9. Temperature measuring: -50 $^{\circ}\text{C}$ -1372 $^{\circ}\text{C}$ / 58 $^{\circ}\text{F}$ -2502 $^{\circ}\text{F}$
10. dBm measuring: 20pcs load Resistance choice;
11. Auto data refurbish hold;
12. Positive, negative peak data auto hold;
13. 36 hours dynamic record: MAX, MIN, AVG, MAX-MIN;
14. Relative measuring: REL Δ , Relative percent: REL%;
15. 0.1%-99.9% pulse duty cycle measuring;
16. Set upper limit, lower limit area measuring;
17. Photo-electricity insulation RS-232 computer interface;
18. Timing measuring function;
19. AC measuring adopt High accuracy RMS, Wide measuring range and AC+DC function, can measuring the accuracy virtual value of AC by any wave.

Technical Specifications

Basic Function	Range	Accuracy
DCV	80mV/800mV/8V/80V/800V/1000V	$\pm(0.05\%+5)$
ACV	80mV/800mV/8V/80V/750V	$\pm(0.5\%+30)$
DCA	80mA/800mA/8A/20A	$\pm(0.1\%+5)$
ACA	80mA/800mA/8A/20A	$\pm(0.5\%+30)$
Resistance	800 Ω /8k Ω /80k Ω /800k Ω /8M Ω /80M Ω	$\pm(0.05\%+3)$
Frequency	80Hz/800Hz/8kHz/80kHz/800kHz/8MHz/80MHz	$\pm(0.05\%+2)$
Capacitance	10nF/100nF/1 μ F/10 μ F/100 μ F	$\pm(3.5\%+20)$
Temperature	-50°C -1372°C / 58°F -2502°F	$\pm(1.5\%+1^\circ)$
Quadrate Wave	3V / 0.5Hz~5kHz / 1%~99%	$\pm 0.05\%$

Special Function

Diode	√
AC+DC measuring	√
Continuity test	√
Overloading protection	√
Input Impedance	10M Ω
Sampling frequency	4times/sec. Analog bar40 times/sec.
AC frequency response	40Hz-50kHz
Operation way	Auto range
Display	4-7/8 digits, Max display 80000
Measurement category	Conform to CAT II
Computer interface	Photo-electricity insulation RS-232
Power	AC220V/110V 50Hz/60Hz
Color	Cream-colored
N.W.	1.4kg
Dimension	250×220×82mm
Accessories	Test leads, power cable, manual, TP01 temperature probe

DOT TECHNOLOGIES

(An ISO 9001:2008 Certified Company)

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