

Digital Multimeter comparative chart

Model	CD772	CD751	CD731	CD731a	CD721	RD700 / 701	CD750P
Digit	4000	3200	3200	4000	3200	4000	4000
Category	CAT.IV 600V	CAT.IV 600V	CAT.IV 600V	CAT.IV 600V	CAT.IV 600V	CAT.IV 600V	CAT.III 600V
CE	●	●	●	●	●	●	●
Range	A/M	A/M	A/M	A/M	A/M	A/M	A
DCV (V)	400m 4 40 400 1000	320m 3.2 32 320 1000	320m 3.2 32 320 1000	400m 4 40 400 1000	320m 3.2 32 320 1000	400m 4 40 400 1000	400m 4 40 400 1000
ACV (V)	4 40 400 1000	3.2 32 320 750	3.2 32 320 750	4 40 400 750	3.2 32 320 750	400m 4 40 400 1000	4 40 400 750
DCA (A)	400μ 4000μ 40m 400m 4 15	32μ 320μ 3200μ 32m 320m 20	32μ 320μ 3200μ 32m 320m 20	400μ 4000μ 40m 400m 4 20	32m 320m 12 - - -	400μ 4000μ 40m 400m 4 10	- - - - - -
ACA (A)	400μ 4000μ 40m 400m 4 15	32μ 320μ 3200μ 32m 320m 20	32μ 320μ 3200μ 32m 320m 20	400μ 4000μ 40m 400m 4 20	32m 320m 12 - - -	400μ 4000μ 40m 400m 4 10	- - - - - -
Resistance (Ω)	400 4k 40k 400k 4M 40M	320 3.2k 32k 320k 3.2M 30M	320 3.2k 32k 320k 3.2M 30M	400 4k 40k 400k 4M 40M	320 3.2k 32k 320k 3.2M 30M	400 4k 40k 400k 4M 40M	400 4k 40k 400k 4M -
Capacitance (F)	50n 500n 5μ 50μ 100μ	- - - - -	- - - - -	50n 500n 5μ 50μ 100μ	- - - - -	500n 5μ 50μ 3000μ	- - - -
Temperature (°C) min	-20	-	-	-	-	-20	-
Temperature (°C) max	300	-	-	-	-	300	-
Frequency (Hz) min	5	-	-	-	-	50	-
Frequency (Hz) max	100k	-	-	-	-	1M	-
Logic frequency (Hz) min	-	-	-	-	-	-	-
Logic frequency (Hz) max	-	-	-	-	-	-	-
Continuity	BUZZER/LED	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER
Diode test	●	●	●	●	●	●	●
Duty cycle	-	-	-	-	-	-	-
dBm	-	-	-	-	-	-	-
Auto power off	●	-	●	●	●	●	-
Auto power save	-	●	-	-	-	-	●
Battery check	-	-	-	-	1.5V	-	-
Data hold	●	●	●	●	●	●	●
Range hold	●	●	●	●	●	●	●
Peak hold	-	-	-	-	-	-	-
Relative value	●	-	-	-	-	●	-
4-20mA%	-	-	-	-	-	-	-
True RMS (AC+DC)	-	●	-	-	-	-	-
True RMS (AC)	●	-	-	-	-	RD701 Only	●
Auto zero adjust	-	-	-	-	-	-	-
Bargraph	-	●	●	-	●	-	-
Max/Min	-	-	-	-	-	-	-
Backlight	●	-	-	-	-	-	-
PC link	-	-	-	-	-	-	-
Optional AC adapter connection	-	-	-	-	-	-	-
Dimension (H) mm	166	165.5	165.5	167	165.5	179	157.5
Dimension (W) mm	82	78	78	90	78	87	70
Dimension (D) mm	44	41.5	41.5	48	41.5	55	38.5
Weight (g)	360	315	315	315	315	460	220

Digital Multimeter comparative chart

Model	CD800a	DA-50C	PM11	PM10	PM3	PM7a	PS8a
Digit	4000	4000	4000	3200	4000	4000	4000
Category	CAT.IV 600V	-	CAT. IV 300V	CAT.IV 600V	CAT.IV 600V	-	-
CE	●	-	●	●	●	-	-
Range	A/M	A/M	A	A	A	A/M	A/M
DCV (V)	400m 4 40 400 600	400m 4 40 400 600	400m 4 40 400 500	320m 3.2 32 320 500	400m 4 40 400 500	400m 4 40 400 500	400m 4 40 400 500
ACV (V)	4 40 400 600	400m 4 40 400 600	4 40 400 500	3.2 32 320 500	4 40 400 500	4 40 400 500	4 40 400 500
DCA (A)	40m 400m	40m 10	- -	- -	- -	- -	- -
ACA (A)	40m 400m	40m 10	- -	- -	- -	- -	- -
Resistance (Ω)	400 4k 40k 400k 4M 40M	400 4k 40k 400k 4M 40M	400 4k 40k 400k 4M 40M	320 3.2k 32k 320k 3.2M 30M	400 4k 40k 400k 4M 40M	400 4k 40k 400k 4M 40M	400 4k 40k 400k 4M 40M
Capacitance (F)	50n 500n 5μ 50μ 100μ	- - - - -	- - - - -	- - - - 200μ	5n 50n 500n 5μ 50μ	- - - -	- - -
Temperature (°C) min	-	-	-	-	-	-	-
Temperature (°C) max	-	-	-	-	-	-	-
Frequency (Hz) min	5	99.99	-	-	9.999	-	-
Frequency (Hz) max	100k	999.9k	-	-	60k	-	-
Logic frequency (Hz) min	-	-	-	-	-	-	-
Logic frequency (Hz) max	-	-	-	-	-	-	-
Continuity	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER	BUZZER
Diode test	●	●	●	●	●	●	●
Duty cycle	●	-	-	-	●	-	-
dBm	-	-	-	-	-	-	-
Auto power off	●	●	●	-	●	●	●
Auto power save	-	-	-	-	-	-	-
Battery check	-	-	-	-	-	-	-
Data hold	●	●	-	-	●	-	-
Range hold	●	●	-	-	-	●	●
Peak hold	-	-	-	-	-	-	-
Relative value	●	●	-	-	●	-	-
4-20mA%	-	-	-	-	-	-	-
True RMS (AC+DC)	-	-	-	-	-	-	-
True RMS (AC)	-	-	-	-	-	-	-
Auto zero adjust	-	-	-	-	-	-	-
Bargraph	-	●	●	●	-	-	-
Max/Min	-	●	-	-	-	-	-
Backlight	-	-	-	-	-	-	-
PC link	-	-	-	-	-	-	-
Optional AC adapter connection	-	-	-	-	-	-	-
Dimension (H) mm	176	145	117	117	108	115	115
Dimension (W) mm	104	82	76	76	56	57	57
Dimension (D) mm	46	30	18	18	11.5	18	18
Weight (g)	340	200	117	110	85	85	85

Clamp Meter

Insulation Resistance Tester

PC Link System,
Digital Multimeter

Analog Multimeter

Various Instruments

Accessories

Clamp Meter

Insulation Resistance Tester

PC Link System,
Digital Multimeter

Analog Multimeter

Various Instruments

Accessories