

## Digital Multimeter comparative chart

Model	PC500	PCS20M	PCS10	PC500	PC20	RD700 / 701
Digit	50000/500000	5000	5000	5000	4000	4000
Category	CAT. 600V	CAT. 600V	CAT. 600V	CAT. 600V	CAT. 600V	CAT. 600V
CE						
Range	A/M	A/M	A/M	A/M	A/M	A/M
DCV V	500m 5 50 500 1000 -	50m 500m 5 50 500 1000	50m 500m 5 50 500 1000	50m 500m 5 50 500 1000	400m 4 40 400 1000 -	400m 4 40 400 1000 -
ACV V	500m 5 50 500 1000 -	50m 500m 5 50 500 1000	50m 500m 5 50 500 1000	50m 500m 5 50 500 1000	4 40 400 - 1000 -	400m 4 40 400 1000 -
DCA A	500 5000 50m 500m 5 10	500 5000 50m 500m 5 10	500 5000 50m 500m 5 10	500 5000 50m 500m 5 10	400 4000 40m 400m 4 10	400 4000 40m 400m 4 10
ACA A	500 5000 50m 500m 5 10	500 5000 50m 500m 5 10	500 5000 50m 500m 5 10	500 5000 50m 500m 5 10	400 4000 40m 400m 4 10	400 4000 40m 400m 4 10
Resistance	500 5k 50k 500k 5M 50M -	50 500 5k 50k 500k 5M 50M -	50 500 5k 50k 500k 5M 50M -	50 500 5k 50k 500k 5M 50M -	400 4k 40k 400k 4M 40M -	400 4k 40k 400k 4M 40M -
Capacitance F	50n 500n 5 50 500 9999	50n 500n 5 50 500 9999	50n 500n 5 50 500 9999	50n 500n 5 50 500 9999	40n 400n 4 40 100 -	500n 5 50 3000 -
Temperature c min	-	-50	-50	-	-	-20
Temperature c max	-	1000	1000	-	-	300
Frequency Hz min	5	5	5	5	-	50
Frequency Hz max	200k	125k	125k	125k	-	1M
Logic frequency Hz min	5	-	-	-	-	-
Logic frequency Hz max	2M	-	-	-	-	-
Continuity	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		-	-	-	-	RD701 Only
Auto zero adjust	-	-	-	-	-	-
Bar graph			ZOOM			
Max/Min		-	-	-	-	-
PC link		-	-	-	-	-
Optional AC adapter connection	-	-	-	-	-	-
Dimension H mm	179	179	179	179	167	179
Dimension W mm	87	87	87	87	90	87
Dimension D mm	55	55	55	55	48	55
Weight g	460	460	460	460	330	460

Optional accessory is necessary.

## Digital Multimeter comparative chart

Model	CD751	CD731	CD721	CD800a	DA-50C
Digit	3200	3200	3200	4000	4000
Category	CAT. 600V	CAT. 600V	CAT. 600V	CAT. 600V	-
CE					
Range	A/M	A/M	A/M	A/M	A/M
DCV V	320m 3.2 32 320 1000	320m 3.2 32 320 1000	320m 3.2 32 320 1000	400m 4 40 400 600	400m 4 40 400 600
ACV V	3.2 32 320 750 -	3.2 32 320 750 -	3.2 32 320 750 -	4 40 400 600 -	400m 4 40 400 600
DCA A	32 320 3200 32m 320m 20	32 320 3200 32m 320m 20	32m 320m 12 - - 20	40m 400m - - - -	40m 10 - - - -
ACA A	32 320 3200 32m 320m 20	32 320 3200 32m 320m 20	32m 320m 12 - - -	40m 400m - - - -	40m 10 - - - -
Resistance	320 3.2k 32k 320k 3.2M 30M -	320 3.2k 32k 320k 3.2M 30M -	320 3.2k 32k 320k 3.2M 30M -	400 4k 40k 400k 4M 40M 50n	400 4k 40k 400k 4000k 40M -
Capacitance F	- - - - - -	- - - - - -	- - - - - -	500n 5 50 100 -	- - - - -
Temperature c min	-	-	-	-	-
Temperature c max	-	-	-	-	-
Frequency Hz min	-	-	-	5	99.99
Frequency Hz max	-	-	-	100k	999k
Logic frequency Hz min	-	-	-	-	-
Logic frequency Hz max	-	-	-	-	-
Continuity	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	-	-	-	-	-
Auto zero adjust	-	-	-	-	-
Bar graph					
Max/Min	-	-	-	-	-
PC link	-	-	-	-	-
Optional AC adapter connection	-	-	-	-	-
Dimension H mm	165.5	165.5	165.5	176	145
Dimension W mm	78	78	78	104	82
Dimension D mm	41.5	41.5	41.5	46	30
Weight g	315	315	315	340	200

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### Digital Multimeter comparative chart

Model	DA32	PM10	PM3	PM7a	PS8a
Digit	3200	3200	4000	4000	4000
Category	-	CAT. 300V	CAT. 500V	-	-
CE	-	-	-	-	-
Range	A/M	A	A	A/M	A/M
DCV V	320m 3.2 32 320 600	320m 3.2 32 320 500	400m 4 40 400 500	400m 4 40 400 500	400m 4 40 400 500
ACV V	3.2 32 320 600	3.2 32 320 500	4 40 400 500	4 40 400 500	4 40 400 500
DCA A	320 3200 32m 320m 10	- - - - -	- - - - -	- - - - -	- - - - -
ACA A	320 3200 32m 320m 10	- - - - -	- - - - -	- - - - -	- - - - -
Resistance	320 3.2k 32k 320k 3.2M 30M	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	- - - - -	- - - - -	4n 40n 400n 4 40 200	- - - - -	- - - - -
Temperature c min	-	-	-	-	-
Temperature c max	-	-	-	-	-
Frequency Hz min	-	-	9.999	-	-
Frequency Hz max	-	-	70k	-	-
Logic frequency Hz min	-	-	-	-	-
Logic frequency Hz max	-	-	-	-	-
Continuity	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	-	-	-	-	-
True RMS AC+DC	-	-	-	-	-
True RMS AC	-	-	-	-	-
Auto zero adjust	-	-	-	-	-
Bar graph	-	-	-	-	-
Max/Min	-	-	-	-	-
PC link	-	-	-	-	-
Optional AC adapter connection	-	-	-	-	-
Dimension H mm	145	117	108	115	115
Dimension W mm	82	76	56	57	57
Dimension D mm	30	18	11.5	18	18
Weight g	200	110	85	85	85

### Clamp Meter comparative chart

Display Type	MINI	AC	AC	AC	DC/AC	DC/AC	DC/AC	MINI	MINI	LEAK	LEAK
Model	DCL10	DCM60L	DCM400	CAM600S	DCM400AD	DCM-22AD	DCM2000AD	DCL20R	DCL30DR	DLC-400A	DLC-330L
Digit	6000	1999	4000	-	4000	1999	4000	6000	6000	1999	3200
Category	CAT. 300V	CAT. 300V	CAT. 300V	CAT. 600V	CAT. 300V	-	CAT. 600V	CAT. 300V	CAT. 300V	-	-
CE	-	-	-	-	-	-	-	-	-	-	-
Clamp diameter mm	25	21	25	36	25	22	53	25	24.5	38	32
Withstand voltage	3700	3700	3700	5550	3700	2000	5550	3700	3700	2000	2000
Range	A	A	A	M	A	M	M	A	A	M	A/M
DCA A	-	-	-	-	40	20	40	-	60	-	-
ACA A	60 300	200 600	40 400	6 15	40 400	20 200	40 400	60 300	60 400	20m 200m	30m 300m
	-	-	-	60	-	-	2000	-	-	2000m	30
	-	-	-	150	-	-	-	-	-	20	300
	-	-	-	600	-	-	-	-	-	200	-
	-	-	-	-	-	-	-	-	-	400	-
DCV V	-	-	400	60	400	2	400m	-	-	400	-
	-	-	600	-	600	20	4	-	-	2	-
	-	-	-	-	-	200	40	-	-	20	-
	-	-	-	-	-	500	400	-	-	200	-
	-	-	-	-	-	-	600	-	-	600	-
ACV V	-	200	400	150	400	2	400m	-	-	2	-
	-	600	600	300	600	20	4	-	-	20	-
	-	-	-	600	-	200	40	-	-	200	-
	-	-	-	-	-	500	400	-	-	600	-
	-	-	-	-	-	-	600	-	-	-	-
Resistance	-	200	400	1k	400	2k	400	-	-	200	-
	-	-	-	100k	-	20k	4k	-	-	2k	-
	-	-	-	-	-	200k	40k	-	-	20k	-
	-	-	-	-	-	2000k	400k	-	-	200k	-
	-	-	-	-	-	-	4000k	-	-	2000k	-
	-	-	-	-	-	-	40M	-	-	20M	-
Frequency Hz	-	-	20 4k when clamping	-	-	-	100	-	-	-	-
	-	-	10k when clamping	-	-	-	1k	-	-	-	-
	-	-	4k	-	-	-	10k	-	-	-	-
	-	-	40k	-	-	-	100k	-	-	-	-
	-	-	400k	-	-	-	1000k	-	-	-	-
	-	-	1M	-	-	-	-	-	-	-	-
Backlight	-	-	-	-	-	-	-	-	-	-	-
True RMS	-	-	-	-	-	-	-	-	-	-	-
Auto power off	-	-	-	-	-	-	-	-	-	-	-
Peak hold	-	-	-	-	-	-	-	-	-	-	-
Data hold	-	-	-	-	-	-	-	-	-	-	-
Range hold	-	-	-	-	-	-	-	-	-	-	-
Output terminal	-	-	-	-	-	-	-	-	-	-	-
Bar graph	-	-	-	-	-	-	-	-	-	-	-
Continuity	-	BUZZER	BUZZER	-	BUZZER	BUZZER	BUZZER	-	-	-	-
Dimension H mm	145	187	193	221	193	179	240	145	145	205	162
Dimension W mm	54	50	50	97	50	56	84	54	54	84	64
Dimension D mm	28	29	28	43	28	26.5	34	28	28	34	23
Weight g	120	200	230	420	230	140	400	120	120	390	125