

Simpson® Designer and Bold-Vue Panel Meters

SPECIFICATIONS	Model 523	Model 543	Model 553	Model 524	Model 544	Model 554
Case Size	3½"	3½"	3½"	4½"	4½"	4½"
Scale Length	2.92" (74.2 mm)		2.69" (68.3 mm)	3.25" (82.5 mm)		2.84" (72.1 mm)

All Models: ±2% accuracy, knife edge pointer, black phenolic case with glass window

STOCK RANGES

Range	Approx. Resist. (ohms)	3½" Case Style		4½" Case Style	
		Cat. No.	Price	Cat. No.	Price
0-5	1000 ohms per volt	15038		15108	
0-10		15039		15109	
0-15		15040		15110	
0-30		15042	\$43.20	15112	\$46.95
0-50		15044		15114	
0-100		15045		15111	
0-150		15046		15116	

DC VOLTMETERS Self-shielding

		Model 523	Model 524		
0-5	1000 ohms per volt	15038	15108		
0-10		15039	15109		
0-15		15040	15110		
0-30		15042	\$43.20	15112	\$46.95
0-50		15044		15114	
0-100		15045		15111	
0-150		15046		15116	

DC AMMETERS Self-shielding

Range	Approx. Resist. (ohms)	Model 523	Model 524		
0-1	.050	15031	15101		
0-3	.0166	15032	15102		
0-5	.010	15033	15103		
0-10	.005	15030	15100	42.00	45.45
0-15	.0033	15034	15104		
0-25	.0020	15035	15105		
0-50	.001	15036	15106		

DC MILLIAMMETERS Self-shielding

Range	Scale	Model 543	Model 544		
0-1	43.0	15000	15070		
0-5	2.0	15001	15076	40.35	43.20
0-10	10.0	15002	15077		
0-50	2.0	15003	15078		
0-100	1.0	15010	15080		
0-200	0.5	15004	15079	42.00	45.45
0-300	0.33	15012	15081		
0-500	0.2	15013	15082		

VU METERS Self-shielding

Scale	Model 543	Model 544		
A—Scale	15064	66.75	15134	73.05
A—Scale, Illumin.	15065	73.50	15135	79.20
B—Scale, Illumin.	15066	73.50	15136	79.20

*2 lamps, 28 V, 40 mA each

STOCK RANGES

Range	Approx. Resist. (ohms)	3½" Case Style		4½" Case Style	
		Cat. No.	Price	Cat. No.	Price
0-15	1960	15014	\$73.80	15092	\$80.85
0-25	2100	15015	63.30	15085	69.60
0-50	1800	15017	51.30	15087	55.05
0-100	1800	15019	46.95	15089	52.20
0-200	1100	15021	43.20	15091	46.95
0-500	90	15022	42.45	15093	46.20
25-0-25	1800	15023	51.75	15094	55.35
50-0-50	1800	15025	46.95	15095	52.50
100-0-100	1100	15027	43.65	15097	47.70
500-0-500	43	15024	42.00	15096	43.65

DC MICROAMMETERS Self-shielding

		Model 523	Model 524		
0-15	1960	15014	\$73.80	15092	\$80.85
0-25	2100	15015	63.30	15085	69.60
0-50	1800	15017	51.30	15087	55.05
0-100	1800	15019	46.95	15089	52.20
0-200	1100	15021	43.20	15091	46.95
0-500	90	15022	42.45	15093	46.20
25-0-25	1800	15023	51.75	15094	55.35
50-0-50	1800	15025	46.95	15095	52.50
100-0-100	1100	15027	43.65	15097	47.70
500-0-500	43	15024	42.00	15096	43.65

DC MILLIVOLTMETERS Self-shielding

Range	Approx. Resist. (ohms)	Model 543	Model 544		
0-50	10.0	15048	42.00	15118	45.45

AC VOLTMETERS Iron-vane type

		Model 553	Model 554		
0-150	25,000	15060	42.45	15130	45.45
0-250	41,166	15061		15131	
0-300	50,000	15062		15132	

AC AMMETERS Iron-vane type

Range	Approx. Resist. (ohms)	Model 543	Model 544		
0-1	.213	15049		15121	
0-5	.008	15050		15120	40.20
0-10	.004	15052		15122	
0-15	.0025	15051	38.10	15123	
0-25	.002	15053		15125	45.45
0-50	.001	15054		15124	45.45
0-100	.008	15056†		15127†	40.20
0-150	.008	15057†		15128†	40.20

†Requires external current transformer (see page 26)

PEAK PROGRAM INDICATORS Self-shielding**

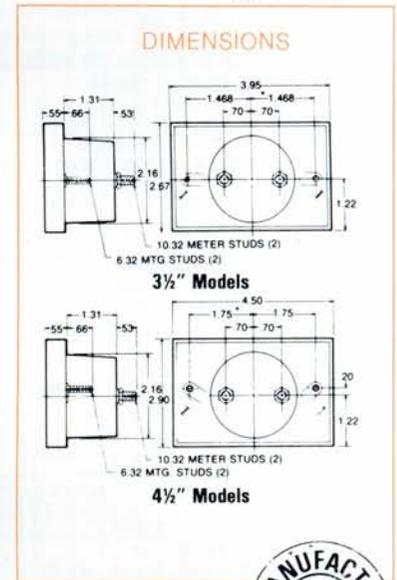
Scale	Model 543	Model 544			
B—Scale	600Ω	15150	\$49.95	15151	\$51.30

**Meet BS4297:1968 requirements. Black dial, white pointer.

DESIGNER SERIES



Clean, uncluttered look. Maximum readability in minimum height.



SPECIFICATIONS: Scale length for 2½" models 2.207" (56.1 mm); for 3½" models, 3.047" (77.4 mm). All models: ±2% fs accuracy; wide tapered red lance pointer.

STOCK RANGES

Range	Approx. Resist. (ohms)	2½" Case Style		3½" Case Style	
		Cat. No.	Price	Cat. No.	Price
0-5	1000 ohms per volt	15465		15575	
0-10		15466		15577	
0-15		15467		15578	
0-25		15470		—	
0-30		15475	\$40.05	15581	\$42.00
0-50		15480		15583	
0-100		15490		15585	
0-150	15495		15587		
0-300	15500		15590		

DC VOLTMETERS Self-shielding

		Model 1222	Model 1223		
0-5	1000 ohms per volt	15465	15575		
0-10		15466	15577		
0-15		15467	15578		
0-25		15470	—		
0-30		15475	\$40.05	15581	\$42.00
0-50		15480		15583	
0-100		15490		15585	
0-150	15495		15587		
0-300	15500		15590		

DC AMMETERS Self-shielding

Range	Approx. Resist. (ohms)	Model 543	Model 544		
0-1	.050	15401	15510		
0-2	.025	—	15515		
0-5	.010	15405	15520	40.05	42.00
0-10	.005	15410	15522		
0-15	.0033	15411	15525		
0-25	.0020	15415	15530	42.00	42.00
0-50	.001	15417	15535	42.00	42.00

DC MILLIAMMETERS Self-shielding

Range	Scale	Model 543	Model 544		
0-1	43.0	15420	39.60	15540	40.35
0-50	2.0	15428	40.85	15550	40.35
0-100	1.0	—	—	15552	
0-200	0.5	—	—	15555	42.00
0-300	0.33	—	—	15557	
0-500	0.2	15445	40.05	15558	

STOCK RANGES

Range	Approx. Resist. (ohms)	2½" Case Style		3½" Case Style	
		Cat. No.	Price	Cat. No.	Price
0-50	10.0	15505	\$40.05	15593	\$43.20

DC MILLIVOLTMETER Self-shielding

		Model 1222	Model 1223		
0-50	10.0	15505	\$40.05	15593	\$43.20

DC MICROAMMETERS Self-shielding

Range	Approx. Resist. (ohms)	Model 543	Model 544		
0-50	1800	15450	50.25	15560	51.30
0-100	1800	15452	45.45	15562	46.95
0-200	1100	15455	41.40	15563	43.20
25-0-25	1800	—	—	15570	51.75
50-0-50	1800	15461	46.20	15571	46.95
100-0-100	1100	—	—	15572	43.65
500-0-500	43	—	—	15573	41.40

AC VOLTMETERS Iron-vane type

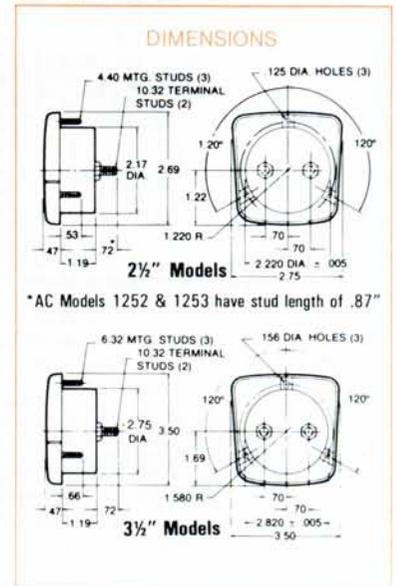
		Model 1252	Model 1253		
0-150	25,000	15620	39.90	15660	42.45
0-250	41,166	15625		15670	
0-300	50,000	15630		15675	

AC AMMETERS Iron-vane type

Range	Approx. Resist. (ohms)	Model 543	Model 544		
0-3	.028	15597	36.30	15636	54.00
0-5	.008	15598	36.30	15637	54.00
0-5/150%	.008	15599	36.30	15638	54.00
0-10	.004	15600	36.30	15640	54.00
0-15	.0025	15605	36.30	15642	54.00
0-25	.002	15610	37.35	15645	39.75
0-50	.001	15613	37.35	15648	39.75



BOLD-VUE SERIES



*AC Models 1252 & 1253 have stud length of .87"