

1½" and 2½" Stackable Edgewise Panel Meters

Simpson's miniature edgewise panel meter has a unique self-shielding core magnet movement that eliminates the protruding barrel which is prevalent in other edgewise meter designs. It lends itself to a meter that is modern and extremely compact. The scale extends nearly to the full width and height of the meter. An optimum scale display area permits the use of large easy-to-read numerals on a horizontal plane.

STOCK RANGES

Range	Approx. Resistance (ohms)	1½" Case Style		2½" Case Style	
		Cat. No.	Price	Cat. No.	Price
0-10	5000 Ω/volt	18000	\$49.20	18006	\$51.90
0-15		18001		18007	
0-25		18002		18008	
0-50		18003		18009	
0-150		18004		18010	

DC VOLTMETERS Self-shielding meter movement

Range	Approx. Ω	Model 1921	Model 1622
0-50	20.0	18028	18029
		51.45	54.75

DC MILLIVOLTMETERS Self-shielding meter movement

Range	Approx. Ω	Model 1921	Model 1622
0-1	18.0	18012	18019
0-5	2.0	18013	18020
0-10	5.0	18014	18021
0-25	2.0	18015	18022
0-50	1.0	18016	18023
0-100	.5	18017	18024
0-500	.1	18018	18025
		51.30	54.30

DC MICROAMMETERS Self-shielding meter movement

Range	Approx. Ω	Model 1921	Model 1622
0-25	8470	18030	18035
0-50	2020	18031	18036
0-100	1060	18032	18037
0-200	310	18033	18038
0-500	63	18034	18039
		62.85	63.90
		60.90	62.85
		54.00	59.40
		51.45	54.75
		48.90	52.95

AC VOLTMETERS Rectifier type Self-shielding meter movement

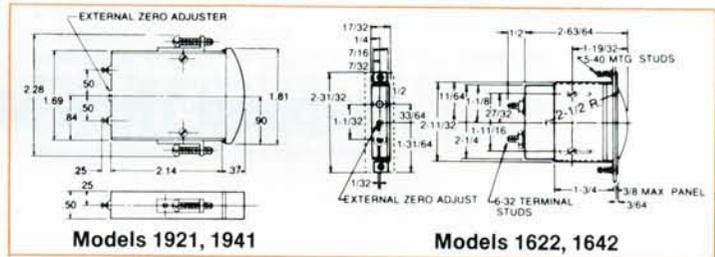
Range	Approx. Ω	Model 1941	Model 1642
0-150	5000 Ω/volt	18042	18043
		61.20	64.20

• For horizontal mounting.



• Vertical mounting available on special order.

Models	1½" 1921, 1941	2½" 1622, 1642
Accuracy	±2% of full scale; AC rectifier types ±3%	
Movement Type	Self-shielding core magnet movement	
Scale Length	1.370" (35.8)	1.85" (47 mm)
Pointer	Lance, Red	
Case Construction	Steel housing with rustproof finish; plastic window; insulated terminals; dustproof construction	
Terminals	Solder type	6-32 studs
Dielectric	1500 volts rms	
Panel Cutout	.525" x 1.718"	.562" x 2.312"
Hardware	Removable brackets	Bezel, bracket with clamping screws lockwashers and nuts



4½" Portable Instruments

MODEL 2100 Desk Top and Lab Bench Multi-Range Portables.

measurements in schools, laboratories and industrial plants. Large easy-to-read scale, knife-edge pointer. DC and moving iron-vane AC meters have ±2% full scale accuracy; AC rectifier type meters ±3%. Color-coded binding posts. Overall size: 5.15" x 5.55" x 5.70", with 45° front slope.

RANGES	Catalog No.	Price	RANGES	Catalog No.	Price
DC VOLTMETERS			AC VOLTMETERS		
0-1.5-3-30 V	17954	\$62.40	Rectifier Type		
0-10-25-100 V	17955	64.20	0-3-15-150 V	17956	\$89.10
DC AMMETERS			0-30-150-300 V	17957	89.10
0-1.5-3-30 amps	17950	62.40	Moving Iron-Vane		
DC MILLIAMMETERS			0-150-300-600 V	17958	82.50
0-1-10-100 mA	17951	62.40	DC OHMMETER		
0-25-50-500 mA	17952	62.40	0-1 k-100 k	17960	70.35
DC MICROAMMETER			(includes 1.5 V battery and #08376 test leads)		
0-10-50-250 μA	17953	119.55			

Special ranges can be made to meet your specifications.

Electro-Mechanical Counters

For vending machines, duplicating equipment, packaging machinery, and production line. Instant number switching. Only complete numbers visible.

SPECIFICATIONS

Rated Speed: 10 counts per second
Minimum Pulse Duration: 50 msec
 "on," 50 msec "off"
Power Consumption: 4.2 watts
Numerals: White on black, 0.2" high, 0.15" wide
Numeral Switching: Ratchet principle, adding one count each time the operating coil is opened

Reset: Pushbutton instantly resets numerals to 0000

Construction: Bezel of rugged thermo-setting materials, black matte finish. Heavy steel frame, aluminum cover.

Voltage ±10%	Model	Catalog Number	Price
117 V AC, 60 Hz	103	12643	\$44.40
6 V DC	104	12641	
12 V DC	104	12642	



Portable Instrument Kit, without meter, for use with Simpson 4-1/2" meters. Two binding posts. Cat. No. 17949 \$15.30

