

# Simpson® Edgewise Panel Meters



## 3 1/2" Edgewise Panel Meters

### SPECIFICATIONS

- Self-shielding 1-5/16" core magnet movement.
- Accuracy at  $\pm 2\%$  of full scale  $\pm 1\%$  available on special order.
- Rectifier type AC units are available up to 5 amps, and segmental voltmeters 100-130 V AC also available.
- Scale length equal to 2.6".
- Zero adjust available from the front (screw on right side).
- Horizontal mounting . . . vertical on special order.
- Illumination available.
- Highest self-contained range is 10 amps DC, 5 amps AC and 500 volts AC and DC.

### STOCK RANGES

DC MODEL 3623	Approx. $\Omega$	Cat. No.	Price
0-25 $\mu$ A DC*	2,730	16862	\$75.15
0-50 $\mu$ A DC*	1,010	16863	70.95
0-100 $\mu$ A DC*	400	16864	67.20
0-200 $\mu$ A DC	400	16865	63.30
0-500 $\mu$ A DC	166	16866	61.35
25-0-25 $\mu$ A DC	1,010	16867	71.40
0-1 mA DC	62	16868	59.70
4-20 mA DC	1	16869	65.55
0-50 mV DC	10	16870	61.50
0-25 V DC	1000 $\Omega$ /V	16873	63.60
0-50 V DC	1000 $\Omega$ /V	16874	
0-10 V DC	1000 $\Omega$ /V	16880	
0-15 V DC	1000 $\Omega$ /V	16881	

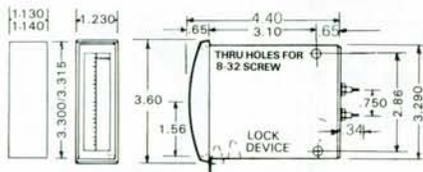
### AC MODEL 3643

0-5A, Rect.	**	16871	84.30
100-130 V AC, Seg.	500 $\Omega$ /V	16879	153.00

\*Taut-band movement

\*\*Internal transformer burden: 0.5 VA

### DIMENSIONS



## 1 1/2" and 2 1/2" Edgewise Barrel Type Panel Meters

### STOCK RANGES

Range	Approx. Resistance (ohms)	1 1/2" Case Style		2 1/2" Case Style	
		Cat. No.	Price	Cat. No.	Price

DC VOLTMETERS Self-shielding meter movement					
		Model 1521		Model 1522	
0-10	1000 $\Omega$ /volt	10354	\$38.10	10360	\$42.00
0-15	1000 $\Omega$ /volt	10355		10370	
0-25	1000 $\Omega$ /volt	10356		10375	
0-50	1000 $\Omega$ /volt	10357	—	10380	42.50
0-150	1000 $\Omega$ /volt	—		10390	
0-500	2000 $\Omega$ /volt	—		10410	

DC AMMETERS Self-shielding meter movement					
0-5	.010	—	—	03390	43.95
0-25	.002	—	—	03420	43.95

DC MILLIAMMETERS Self-shielding meter movement					
0-1	20.0	06811	37.35	06710	41.40
0-5	2.5	06812		06720	
0-10	13.5	06813		06730	
0-25	5.4	06815	39.30	06740	43.05
0-50	2.7	06816		06750	
0-100	1.35	06817		06760	
0-200	.49	06818	—	—	—
0-500	.27	06819	—	06810	—

DC MILLIVOLTMETERS Self-shielding meter movement					
		Model 1521		Model 1522	
0-50	10.0	07013	40.05	07011	43.95

DC MICROAMMETERS Self-shielding meter movement					
0-25	3150.0	—	—	04560	61.20
0-50	1800.0	04553	50.10	04570	53.85
0-100	1100.0	04554	44.40	04580	48.60
0-200	290.0	04555	40.05	04590	43.95
0-500	90.0	04556	39.30	04600	42.45

AC VOLTMETERS Rectifier type, self-shielding					
		Model 1521		Model 1542	
0-150	1000 $\Omega$ /volt	10415	49.50	10420	52.80
0-300	1000 $\Omega$ /volt	—	—	10430	

VU (Volume Level) METERS—Self-shielding. Reference level: 1 mW into 600  $\Omega$  line

Scale	Model 1541	Model 1542
A—Scale	—	10500
B—Scale	—	10570
		67.65



When panel designs call for making every square inch count, or when weight-saving is important, Simpson edgewise meters solve these many design problems. New Model 1552 viscous damped iron-vane meters offer AC measurements in an edgewise meter at a low price. Supplied with complete hardware, bezel and two nuts. Horizontal mounting; vertical on special order.

### STOCK RANGES NEW MODEL 1552

Range	Resistance (ohms)	2 1/2" Case Style	
		Cat. No.	Price
AC VOLTMETER Viscous-damped iron vane movement			
0-10	56	10401	\$36.00
0-15	150	10402	
0-25	385	10403	
0-50	1428	10407	
0-100	7.74 k	10404	36.90
0-150	15.12 k	10405	
0-250	25 k	10406	

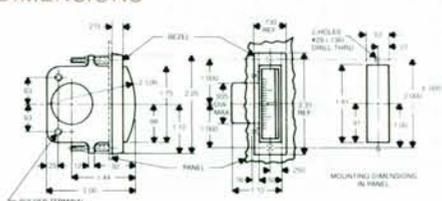
AC MILLIAMMETERS Viscous-damped iron vane movement			
0-10	3995	10361	33.00
0-50	156	10362	
0-100	31	10363	
0-250	6.2	10364	
0-500	1.5	10365	

AC AMMETERS Viscous-damped iron vane movement			
0-1	.38	10366	33.00
0-5	.014	10367	
0-10	.003	10368	

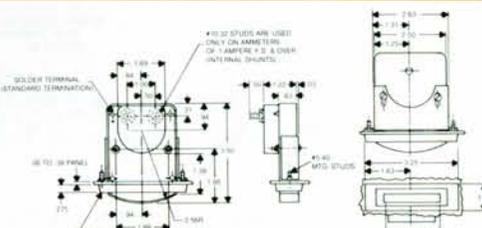
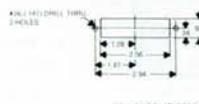
### SPECIFICATIONS

Models	1 1/2" 1521, 1541	2 1/2" 1522, 1542	2 1/2" 1552
Accuracy	DC $\pm 2\%$ of full scale; AC rectifier type $\pm 3\%$		3%
Movement	Self-shielding meter movement		Viscous damped iron vane
Scale Length	1.375" (35 mm)	1.875" (47.6 mm)	1.875" (47.6 mm)
Pointer	Lance, Red		
Case	Dustproof, molded acrylic		
Terminals	Solder (ammeters—stud type)		

### DIMENSIONS



1 1/2" Models 1521, 1541



2 1/2" Models 1522, 1542