



**Products Formerly Manufactured by: General Radio - GenRad - QuadTech**

**US Price Schedule 07/03/06**  
 (For sales outside the USA, add 10%)

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Inductance Standards & Decades

1482-9701 ... 1482-A Std Inductor, 50 μH ... \$3,790	1482-9711 .... 1482-K Std Inductor, 50 mH ... \$3,790
1482-9702 ... 1482-B Std Inductor, 100 μH ... \$3,390	1482-9712 .... 1482-L Std Inductor, 100 mH ... \$3,390
1482-9703 ... 1482-C Std Inductor, 200 μH ... \$3,790	1482-9713 .... 1482-M Std Inductor, 200 mH ... \$3,790
1482-9704 ... 1482-D Std Inductor, 500 μH ... \$3,790	1482-9714 .... 1482-N Std Inductor, 500 mH ... \$3,790
1482-9705 ... 1482-E Std Inductor, 1 mH ..... \$3,390	1482-9716 .... 1482-P Std Inductor, 1 H ..... \$3,390
1482-9706 ... 1482-F Std Inductor, 2 mH ..... \$3,790	1482-9717 .... 1482-Q Std Inductor, 2 H ..... \$3,990
1482-9707 ... 1482-G Std Inductor, 5 mH ..... \$3,790	1482-9718 .... 1482-R Std Inductor, 5 H ..... \$4,390
1482-9708 ... 1482-H Std Inductor, 10 mH ... \$3,390	1482-9720 .... 1482-T Std Inductor, 10 H ..... \$5,420
1482-9710 ... 1482-J Std Inductor 20 mH ..... \$3,790	

1491-9704 ..... 1491-D Decade Inductor, 11.11 H, Bench ..... \$9,975
1491-9707 ..... 1491-G Decade Inductor 11.111 H, Bench ..... \$10,995

Capacitance Standards & Decades

1404-9701 ..... 1404-A Standard Capacitor, 1000 pF ..... \$5,889	
1404-9702 ..... 1404-B Standard Capacitor, 100 pF ..... \$4,959	
1404-9703 ..... 1404-C Standard Capacitor, 10 pF ..... \$4,890	
1403-9711 ..... 1403-K Standard Capacitor, 1 pF ..... \$1,995	
1409-9706 ..... 1409-F Standard Capacitor, 0.001 μF (1 nF) ..... \$1,195	
1409-9712 ..... 1409-L Standard Capacitor, 0.01 μF (10 nF) ..... \$1,215	
1409-9720 ..... 1409-T Standard Capacitor, 0.1 μF (100 nF) ..... \$1,495	
1409-9725 ..... 1409-Y Standard Capacitor, 1.0 μF ..... \$3,115	
1409-9730 ..... 1409 Standard Capacitor, 10 μF ..... \$3,595	
1409-9735 ..... 1409 Standard Capacitor, 100 μF ..... \$4,195	
1409-9740 ..... 1409 Standard Capacitor, 1000 μF ..... \$4,895	
1409-X ..... 1409 Standard Capacitor, Custom Value ..... Consult IET	
1412-9410 ..... 1412-BC Decade Capacitor, 50 pF - >1 μF ..... \$3,725	
1413-9700 ..... 1413 Precision Decade Capacitor, 0 - >1 μF, Bench ..... \$10,495	
1413-9701 ..... 1413 Precision Decade Capacitor, 0 - >1 μF, Rack ..... \$10,495	
1413-9710 ..... Precision Decade Capacitor, 10 pF - >10μF ..... \$12,485	
1423-9801 ..... 1423-A Precision Decade Capacitor, 100 pF->1 μF ..... \$10,495	
1417-9700 ..... Four-Terminal Capacitance Standard 10 μF - 1 F ..... \$6,435	
1422-9508 ..... 1422-CLP Precision Variable Capacitor ..... \$11,405	
1422-9704 ..... 1422-D Precision Variable Capacitor ..... \$11,405	
1422-9854 ..... 1422-MD Precision Variable Capacitor ..... \$13,495	
1422-9916 ..... 1422-CB Precision Variable Capacitor ..... \$10,835	
1422-9933 ..... 1422-CL Precision Variable Capacitor ..... \$10,835	
1424-9701 ..... 1424-A Standard Decade Cap 1 - 10 μF ..... \$2,495	
1419-9701 ..... 1419-A Decade Capacitor 1.110 μF, Polystyrene ..... \$2,195	
1419-9702 ..... 1419-B Decade Capacitor 1.1110 μF, Polystyrene ..... \$2,995	
1419-9711 ..... 1419-K Decade Capacitor 1.110 μF, Silvered Mica ..... \$3,295	

High Accuracy Resistance Decades & Accessories

1 Dial Decade Resistor

0510-9805-01 ..... 0.001 Ω/step ..... \$575	0510-9806-01(AA) ..... 0.01 Ω/step ..... \$495
0510-9701-01(A) ..... 0.1 Ω/step ..... \$560	0510-9702-01(B) ..... 1.0 Ω/step ..... \$599
0510-9703-01(C) ..... 10 Ω/step ..... \$595	0510-9704-01(D) ..... 100 Ω/step ..... \$519
0510-9705-01(E) ..... 1 k Ω/step ..... \$536	0510-9706-01(F) ..... 10K Ω/step ..... \$536
0510-9707-01(G) ..... 100K Ω/step ..... \$580	0510-9708-01(H) ..... 1.0M Ω/step ..... \$756
0510-9709-01 ..... 10M Ω/step ..... \$925	

1433-01 ..... Decade Resistor, 1.11 Ω (3 dial) ..... \$1,899
1433-00 ..... (U) Decade Resistor, 111.1 Ω (4 dial) ..... \$1,830
1433-02 ..... (K) Decade Resistor, 1,111 Ω (4 dial) ..... \$1,750
1433-04 ..... (J) Decade Resistor, 11.11 kΩ (4 dial) ..... \$1,830
1433-06 ..... (L) Decade Resistor, 111.1 kΩ (4 dial) ..... \$1,870
1433-08 ..... (Q) Decade Resistor, 1,111 MΩ (4 dial) ..... \$2,070
1433-09 ..... Decade Resistor, 11.11 MΩ (4 dial) ..... \$3,295
1433-09A ..... Decade Resistor, 111.1 MΩ (4 dial) ..... \$3,795
1433-10A ..... Decade Resistor, 111.11 Ω (5 dial) ..... \$2,345
1433-10 ..... (T) Decade Resistor, 1,111.1 kΩ (5 dial) ..... \$2,295
1433-12 ..... (N) Decade Resistor, 11,111 kΩ (5 dial) ..... \$2,235
1433-14 ..... (M) Decade Resistor, 111.11 kΩ (5 dial) ..... \$2,235
1433-16 ..... (P) Decade Resistor, 1,111.1 MΩ (5 dial) ..... \$2,370
1433-18 ..... (Y) Decade Resistor, 11,111 MΩ (5 dial) ..... \$3,490
1433-18A ..... Decade Resistor, 111.11 MΩ (5 dial) ..... \$3,995
1433-19 ..... Decade Resistor, 1,111.11 Ω (6 dial) ..... \$2,595

Refurbished units: Functionally like new, come with a three year warranty.

NIST traceable A2LA accredited, ISO-17025, certification available with all models.

1433-20 ..... (W) Decade Resistor, 11.111 1 kΩ (6 dial) ..... \$2,395	
1433-22 ..... (X) Decade Resistor, 111.1111 kΩ (6 dial) ..... \$2,495	
1433-24 ..... (B) Decade Resistor, 1,111 11 MΩ (6 dial) ..... \$2,695	
1433-26 ..... (Z) Decade Resistor, 11.111 1 MΩ (6 dial) ..... \$3,595	
1433-27 ..... Decade Resistor, 111.111 MΩ (6 dial) ..... \$4,195	
1433-28 ..... Decade Resistor, 11,111.11 Ω (7 dial) ..... \$3,290	
1433-29 ..... (F) Decade Resistor, 111.111 1 kΩ (7 dial) ..... \$2,875	
1433-31 ..... (G) Decade Resistor, 1,111 111 MΩ (7 dial) ..... \$3,180	
1433-33 ..... (H) Decade Resistor, 11,111 11 MΩ (7 dial) ..... \$3,995	
1433-34 ..... Decade Resistor, 111.111 1 MΩ (7 dial) ..... \$4,395	
1433-35 ..... Decade Resistor, 111.11111 kΩ (8 dial) ..... \$3,295	
1433-36 ..... Decade Resistor, 1,1111111 MΩ (8 dial) ..... \$3,689	
1433-37 ..... Decade Resistor, 11,111111 MΩ (8 dial) ..... \$4,395	
1433-38 ..... Decade Resistor, 111,111111 MΩ (8 dial) ..... \$4,995	
1433-39 ..... Decade Resistor, 1,11111111 MΩ (9 dial) ..... \$3,989	
1433-39A ..... Decade Resistor, 11,1111111 MΩ (9 dial) ..... \$4,795	
1433-39B ..... Decade Resistor, 111,111111 MΩ (9 dial) ..... \$5,455	
1433-40A ..... Decade Resistor, 11,11111111 MΩ (10 dial) ..... \$5,195	
1433-40 ..... Decade Resistor, 111,111 111 1 MΩ (10 dial) ..... \$5,995	
1433-41 ..... Decade Resistor, 111,111 111 11 MΩ (11 dial) ..... \$6,495	
1433-50 ..... Rack Mount Kit (4 dial) ..... \$179	1433-51 ..... Rack Mount Kit (5 dial) ..... \$179
1433-52 ..... Rack Mount Kit (6 dial) ..... \$179	1433-53 (7 dial) ..... \$179

Stroboscopes & Accessories

1530-9410 ..... Replacement Lamp for 1542-B, 43, 44 ..... \$275
1531-9430 ..... 1531-AB Stroboscope, 115 V ..... \$4,495
1531-9440 ..... 1531-AB Stroboscope, 230 V ..... \$4,495
1531-9601 ..... 1531-P1 Flashtube for 1531-AB ..... \$275
1531-9602 ..... 1531-P2 Flash Delay for 1531-AB/1538-A/1539-A ..... \$2,140
1536-9701 ..... 1536-A Photoelectric Pickoff ..... \$1,895
1536-9702 ..... 1536-O Photoelectric Pickoff ..... \$1,895
1538-9601 ..... 1538-P1 Flashtube for 1531,38,39,46 ..... \$275
1538-9602 ..... 1538-P2 Extension Lamp ..... \$1,095
1538-9603 ..... 1538-P3 Battery and Charger ..... \$2,600
1538-9604 ..... 1538-P4 High-Intensity Flash Capacitor ..... \$2,695
1538-9701 ..... 1538-A Stroboscope, 115 V ..... \$5,995
1538-9702 ..... 1538-A Stroboscope, 230 V ..... \$5,995
1539-9701 ..... 1539-A Stroboscopic Light Source ..... \$2,895
1540-9605 ..... 1540-P5 Replacement Lamp ..... \$795
1540-9602 ..... 1540-P2 Strobolume Lamp (assembly) ..... \$2,295
1542-9600 ..... Arm for 1542 Strobotac ..... \$395
1542-9701 ..... 1542-B Stroboscope, 115 V/230 V ..... \$999
1546-9700 ..... 1546 Digital Stroboscope, 115 V/230 V ..... \$2,495

Megohmmeters

1863-9700 ..... Megohmmeter, Portable ..... \$3,955
1864-9700 ..... Megohmmete, Portable ..... \$4,895
1864-11 ..... Resistivity Test Fixture 1863/1864 ..... \$2,485
630018 ..... Test Lead Set for 1863/1864 ..... \$70

Digibridges

1689-9700 ..... 1689 Precision RLC Digibridge Bench ..... \$8,130
1689-9750 ..... 1689M Precision RLC Digibridge Rack ..... \$8,780
1692-9700 ..... 1692, RLC Digibridge ..... \$4,705
1659-9700 ..... 1659, RLC Digibridge ..... \$4,010
1693-9700 ..... 1693, RLC Digibridge ..... \$9,355
1657-5995 ..... Axial-Lead Test Clips (Pkg 4) ..... \$169
1657-9600 ..... Ext Cable (for 1657, 59, 92, 89) ..... \$446
1689-9600 ..... Remote Test Fixture (requires 1689-9601) ..... \$589
1689-9601 ..... BNC Adapter Box ..... \$389
1689-9602 ..... BNC-BNC Extender Cable (requires 1689-9601) ..... \$245
1689-9604 ..... Cal Kit (for 1659, 89, 89M, 92, 93) ..... \$2960
1689-9605 ..... Remote Fixt. w/start & go/nogo lights (requires 1689-9601) ..... \$1,285
7000-03 ..... Kelvin Clip Leads ..... \$435
7000-05 ..... Chip Component Tweezers ..... \$895

For any GR equipment not listed, contact us.



**RS • CS • LS Series**

**Digital Decade Substituters For Capacitance • Resistance • Inductance**

RS-200	Resistance Substituter	174
RS-201	Precision Resistance Substituter	324
RS-200W	Wide Range Resistance Substituter	324
RS-201W	Wide Range Precision Resistance Substituter	539
CS-300	Capacitance Substituter	189
CS-301	Precision Capacitance Substituter	349
RCS-500	Resistance-Capacitance Substituter	359
RCS-502	Precision Resistance-Capacitance Substituter	669
LS-400	Wide Range Inductance Substituter	989
LS-400A	Inductance Substituter	679
-CC-25 Option	Dual lead clip - plugs into dual binding posts	49
-LR Option	Residual reduced to .04 Ω or 5 pF on lowest decade	69
-SC Option	Shielded case with grounding terminal	59
-PM Option	Unit supplied without case for panel mounting	Subtract 5
-FP Option	Unit supplied with series 2-A fuse	34
LS-G-5-1μH	Inductance Substituter (Rotary Switch)	3995
LS-G-6-1μH	Inductance Substituter (Rotary Switch)	4250
LS-G-5-10μH	Inductance Substituter (Rotary Switch)	4150
LS-G-5-100μH	Inductance Substituter (Rotary Switch)	4150
LS-G-7-1μH	Inductance Substituter (Rotary Switch)	4790
LS-G-1-1μH	Inductance Substituter (Rotary Switch)	839

LS Series available from 1μH to 100H, with accuracy 0.5% to 2% ..... Consult IET

**Ohm Source-OS Series**

OS-250	Elect. Ctrl Resistance Box 1Ω-24MΩ	789
OS-260	Elect. Ctrl Resistance Box 0.1Ω-24MΩ	979
OS-270	Elect. Ctrl Resistance Box 0.01Ω-1.5MΩ	1289

**HARS-X Series**

**High Accuracy Resistance Substituters**

HARS-X-1-0.001	0.01 Ω total, 1 decade, 0.001 Ω/step	575
HARS-X-1-0.01	0.1 Ω total, 1 decade, 0.01 Ω/step	495
HARS-X-1-0.1	1 Ω total, 1 decade, 0.1 Ω/step	560
HARS-X-1-1	10 Ω total, 1 decade, 1 Ω/step	599
HARS-X-1-10	100 Ω total, 1 decade, 10 Ω/step	595
HARS-X-1-100	1 kΩ total, 1 decade, 100 Ω/step	519
HARS-X-1-1K	10 kΩ total, 1 decade, 1 kΩ/step	536
HARS-X-1-10K	100 kΩ total, 1 decade, 10 kΩ/step	536
HARS-X-1-100K	1 MΩ total, 1 decade, 100 kΩ/step	580
HARS-X-1-1M	10 MΩ total, 1 decade, 1 MΩ/step	756
HARS-X-1-10M	100 MΩ total, 1 decade, 10 MΩ/step	925
HARS-X-2-0.001	0. 11 Ω total, 2 decades, 0.001 Ω/step	789
HARS-X-2-0.01	1.1 Ω total, 2 decades, 0.01 Ω/step	789
HARS-X-2-0.1	11 Ω total, 2 decades, 0.1 Ω/step	789
HARS-X-2-1	110 Ω total, 2 decades, 1 Ω/step	789
HARS-X-2-10	1.1 kΩ total, 2 decades, 10 Ω/step	789
HARS-X-2-100	11 kΩ total, 2 decades, 100 Ω/step	789
HARS-X-2-1K	110 kΩ total, 2 decades, 1 kΩ/step	789
HARS-X-2-10K	1.1 MΩ total, 2 decades, 10 kΩ/step	849
HARS-X-2-100K	11 MΩ total, 2 decades, 100 kΩ/step	1189
HARS-X-2-1M	110 MΩ total, 2 decades, 1 MΩ/step	1645
HARS-X-3-0.001	1.11 Ω total, 3 decades, 0.001 Ω/step	1489

HARS-X-3-0.01	11.1 Ω total, 3 decades, 0.01 Ω/step	1489
HARS-X-3-0.1	111 Ω total, 3 decades, 0.1 Ω/step	1489
HARS-X-3-1	1.11 kΩ total, 3 decades, 1 Ω/step	1489
HARS-X-3-10	11.1 kΩ total, 3 decades, 10 Ω/step	1489
HARS-X-3-100	111 kΩ total, 3 decades, 100 Ω/step	1489
HARS-X-3-1K	1.11 MΩ total, 3 decades, 1 kΩ/step	1589
HARS-X-3-10K	11.1 MΩ total, 3 decades, 10 kΩ/step	1789
HARS-X-3-100K	111 MΩ total, 3 decades, 100 K/step	2389
HARS-X-4-0.001	11.11 Ω total, 4 decades, 0.001 Ω/step	1689
HARS-X-4-0.01	111.1 Ω total, 4 decades, 0.01 Ω/step	1689
HARS-X-4-0.1	1.111 kΩ total, 4 decades, 0.1 Ω/step	1689
HARS-X-4-1	11.11 kΩ total, 4 decades, 1 Ω/step	1689
HARS-X-4-10	111.1 kΩ total, 4 decades, 10 Ω/step	1689
HARS-X-4-100	1.111 MΩ total, 4 decades, 100 Ω/step	1789
HARS-X-4-1K	11.11 MΩ total, 4 decades, 1 kΩ/step	2289
HARS-X-4-10K	111.1 MΩ total, 4 decades, 10 kΩ/step	2689
HARS-X-5-0.001	111.11 Ω total, 5 decades, 0.001 Ω/step	1889
HARS-X-5-0.01	1.1111 kΩ total, 5 decades, 0.01 Ω/step	1889
HARS-X-5-0.1	11.111 kΩ total, 5 decades, 0.1 Ω/step	1889
HARS-X-5-1	111.11 kΩ total, 5 decades, 1 Ω/step	1889
HARS-X-5-10	1.1111 MΩ total, 5 decades, 10 Ω/step	1989
HARS-X-5-100	11.111 MΩ total, 5 decades, 100 Ω/step	2589
HARS-X-5-1K	111.11 MΩ total, 5 decades, 1 kΩ/step	3189
HARS-X-6-0.001	1.111 1 kΩ total, 6 decades, 0.001 Ω/step	2089
HARS-X-6-0.01	11.111 1 kΩ total, 6 decades, 0.01 Ω/step	2089
HARS-X-6-0.1	111.111 kΩ total, 6 decades, 0.1 Ω/step	2089
HARS-X-6-1	1.111 11 MΩ total, 6 decades, 1 Ω/step	2289
HARS-X-6-10	11.111 1 MΩ total, 6 decades, 10 Ω/step	2689
HARS-X-6-100	111.111 MΩ total, 6 decades, 100 Ω/step	3389
HARS-X-7-0.001	11.111 11 kΩ total, 7 decades, 0.001 Ω/step	2289
HARS-X-7-0.01	111.111 1 kΩ total, 7 decades, 0.01 Ω/step	2289
HARS-X-7-0.1	1.111 111 MΩ total, 7 decades, 0.1 Ω/step	2489
HARS-X-7-1	11.111 11 MΩ total, 7 decades, 1 Ω/step	2989
HARS-X-7-10	111.111 1 MΩ total, 7 decades, 10 Ω/step	3589
HARS-X-8-0.001	111.111 11 kΩ total, 8 decades, 0.001 Ω/step	2489
HARS-X-8-0.01	1.111 111 1 MΩ total, 8 decades, 0.01 Ω/step	2689
HARS-X-8-0.1	11.111 111 MΩ total, 8 decades, 0.1 Ω/step	3289
HARS-X-8-1	111.111 11 MΩ total, 8 decades, 1 Ω/step	3789
HARS-X-9-0.001	1.111 111 11 MΩ total, 9 decades, 0.001 Ω/step	2889
HARS-X-9-0.01	11.111 111 1 MΩ total, 9 decades, 0.01 Ω/step	3589
HARS-X-9-0.1	111.111 111 MΩ total, 9 decades, 0.1 Ω/step	3989
HARS-X-10-0.001	11.111 111 11 MΩ total, 10 decades, 0.001 Ω/step	3889
HARS-X-10-0.01	111.111 111 1 MΩ total, 10 decades, 0.01 Ω/step	4189
HARS-X-11-0.001	111.111 111 11 MΩ total, 11 decades, 0.001 Ω/step	4489
-RM Option	Rack Mount	179
-RO Option	Rear Output	59
-K Option	Kelvin Terminals	289
-H Option	Handles	99

**For HARS-Q (0.02%) in place of HARS-X (0.01%) ..... deduct 5%**  
**For HARS-A (0.05%) in place of HARS-X (0.01%) ..... deduct 10%**  
**For HARS-B (0.1%) in place of HARS-X (0.01%) ..... deduct 20%**

**HARS-L • HARS-LX Series**

**Laboratory Standard Decade Resistance Substituters**

HARS-LX-1-0.001	0.01 Ω total, 1 decade, 0.001 Ω/step	1795
HARS-LX-1-0.01	0.1 Ω total, 1 decade, 0.01 Ω/step	1795
HARS-LX-1-0.1	1 Ω total, 1 decade, 0.1 Ω/step	1795
HARS-LX-1-1	10 Ω total, 1 decade, 1 Ω/step	1795
HARS-LX-1-10	100 Ω total, 1 decade, 10 Ω/step	1795



HARS-LX-1-100 .....	1 kΩ total, 1 decade, 100 Ω/step .....	1795
HARS-LX-1-1K .....	10 kΩ total, 1 decade, 1 kΩ/step .....	1795

**HARS-LX (Cont'd)**

HARS-LX-1-10K .....	100 kΩ total, 1 decade, 10 kΩ/step .....	1795
HARS-LX-1-100K .....	1 MΩ total, 1 decade, 100 kΩ/step .....	1795
HARS-LX-1-1M .....	10 MΩ total, 1 decade, 1 MΩ/step .....	2195
HARS-LX-2-0.001 .....	0.110 Ω total, 2 decades, 0.001 Ω/step .....	2795
HARS-LX-2-0.01 .....	1.1 Ω total, 2 decades, 0.01 Ω/step .....	2795
HARS-LX-2-0.1 .....	11 Ω total, 2 decades, 0.1 Ω/step .....	2795
HARS-LX-2-1 .....	110 Ω total, 2 decades, 1 Ω/step .....	2795
HARS-LX-2-10 .....	1.1 kΩ total, 2 decades, 10 Ω/step .....	2795
HARS-LX-2-100 .....	11 kΩ total, 2 decades, 100 Ω/step .....	2795
HARS-LX-2-1K .....	110 kΩ total, 2 decades, 1 kΩ/step .....	2795
HARS-LX-2-10K .....	1.1 MΩ total, 2 decades, 10 kΩ/step .....	2795
HARS-LX-2-100K .....	11 MΩ total, 2 decades, 100 kΩ/step .....	3295
HARS-LX-3-0.001 .....	1.11 Ω total, 3 decades, 0.001 Ω/step .....	3895
HARS-LX-3-0.01 .....	11.1 Ω total, 3 decades, 0.01 Ω/step .....	3895
HARS-LX-3-0.1 .....	111 Ω total, 3 decades, 0.1 Ω/step .....	3895
HARS-LX-3-1 .....	1.11 kΩ total, 3 decades, 1 Ω/step .....	3895
HARS-LX-3-10 .....	11.1 kΩ total, 3 decades, 10 Ω/step .....	3895
HARS-LX-3-100 .....	111 kΩ total, 3 decades, 100 Ω/step .....	3895
HARS-LX-3-1K .....	1.11 MΩ total, 3 decades, 1 kΩ/step .....	3895
HARS-LX-3-10K .....	11.1 MΩ total, 3 decades, 10 kΩ/step .....	4395
HARS-LX-4-0.001 .....	11.11 Ω total, 4 decades, 0.001 Ω/step .....	4995
HARS-LX-4-0.01 .....	111.1 Ω total, 4 decades, 0.01 Ω/step .....	4995
HARS-LX-4-0.1 .....	1.111 kΩ total, 4 decades, 0.1 Ω/step .....	4995
HARS-LX-4-1 .....	11.11 kΩ total, 4 decades, 1 Ω/step .....	4995
HARS-LX-4-10 .....	111.1 kΩ total, 4 decades, 10 Ω/step .....	4995
HARS-LX-4-100 .....	1.111 MΩ total, 4 decades, 100 Ω/step .....	4995
HARS-LX-4-1K .....	11.11 MΩ total, 4 decades, 1 kΩ/step .....	5495
HARS-LX-5-0.001 .....	111.11 Ω total, 5 decades, 0.001 Ω/step .....	5995
HARS-LX-5-0.01 .....	1.111 kΩ total, 5 decades, 0.01 Ω/step .....	5995
HARS-LX-5-0.1 .....	11.111 kΩ total, 5 decades, 0.1 Ω/step .....	5995
HARS-LX-5-1 .....	111.11 kΩ total, 5 decades, 1 Ω/step .....	5995
HARS-LX-5-10 .....	1.111 MΩ total, 5 decades, 10 Ω/step .....	5995
HARS-LX-5-100 .....	11.111 MΩ total, 5 decades, 100 Ω/step .....	6599
HARS-LX-6-0.001 .....	1.111 11 kΩ total, 6 decades, 0.001 Ω/step .....	7190
HARS-LX-6-0.01 .....	11.111 1 kΩ total, 6 decades, 0.01 Ω/step .....	7190
HARS-LX-6-0.1 .....	111.111 KΩ total, 6 decades, 0.1 Ω/step .....	7190
HARS-LX-6-1 .....	1.111 11 MΩ total, 6 decades, 1 Ω/step .....	7190
HARS-LX-6-10 .....	11.111 1 MΩ total, 6 decades, 10 Ω/step .....	7690
HARS-LX-7-0.001 .....	11.111 11 kΩ total, 7 decades, 0.001 Ω/step .....	8195
HARS-LX-7-0.01 .....	111.111 1 kΩ total, 7 decades, 0.01 Ω/step .....	8195
HARS-LX-7-0.1 .....	1.111 111 MΩ total, 7 decades, 0.1 Ω/step .....	8195
HARS-LX-7-1 .....	11.111 11 MΩ total, 7 decades, 1 Ω/step .....	8695
HARS-LX-8-0.001 .....	11.111 11 kΩ total, 8 decades, 0.001 Ω/step .....	9189
HARS-LX-8-0.01 .....	1.211 111 1 MΩ total, 8 decades, 0.010 Ω/step .....	9189
HARS-LX-8-0.1 .....	12.111 111 MΩ total, 8 decades, 0.1 Ω/step .....	9689
HARS-LX-9-0.001 .....	1.211 111 11 MΩ total, 9 decades, 0.001 Ω/step .....	10295
HARS-LX-9-0.01 .....	12.111 111 1 MΩ total, 9 decades, 0.01 Ω/step .....	10995
HARS-LX-10-0.001 .....	12.111 111 11 MΩ total, 10 decades, 0.001 Ω/step .....	11499
-RM Option .....	Rack mountable case for standard 19" rack .....	179
-RO Option .....	Rear output .....	39
-K Option .....	Kelvin type 4-terminal binding posts .....	139
-H Option .....	Handles .....	79
-RH .....	10 mΩ rheostat for lowest decade, 20 μΩ resolution .....	1495

**For HARS-L in place of HARS-LX ..... deduct 15%**

**HRRS SERIES**

**HIGH RESISTANCE DECADE SUBSTITUTERS**

HRRS-B-1-1G .....	10 GΩ total, 1 decade, 1 GΩ/step .....	1395
HRRS-B-1-10G .....	100 GΩ total, 1 decade, 10 GΩ/step .....	1495
HRRS-B-2-1M .....	110 MΩ total, 2 decades, 1 MΩ/step .....	1795
HRRS-B-2-10M .....	1.1 GΩ total, 2 decades, 10 MΩ/step .....	1995
HRRS-B-2-100M .....	11 GΩ total, 2 decades, 100 MΩ/step .....	2295
HRRS-B-2-1G .....	110 GΩ total, 2 decades, 1 GΩ/step .....	2395
HRRS-B-3-100K .....	111 MΩ total, 3 decades, 100 KΩ/step .....	1995
HRRS-B-3-1M .....	1.11 GΩ total, 3 decades, 1 MΩ/step .....	2195
HRRS-B-3-10M .....	11.1 GΩ total, 3 decades, 10 MΩ/step .....	2495
HRRS-B-3-100M .....	111 GΩ total, 3 decades, 100 MΩ/step .....	2595
HRRS-B-4-10K .....	111.1 MΩ total, 4 decades, 10 KΩ/step .....	2195
HRRS-B-4-100K .....	1.111 GΩ total, 4 decades, 100 KΩ/step .....	2395
HRRS-B-4-1M .....	11.11 GΩ, 4 decades, 1 MΩ/step .....	2595
HRRS-B-4-10M .....	111.1 GΩ, 4 decades, 10 MΩ/step .....	2995
HRRS-B-5-1K .....	111.11 MΩ total, 5 decades, 1 KΩ/step .....	2395
HRRS-B-5-10K .....	1.1111 GΩ total, 5 decades, 10 KΩ/step .....	2595
HRRS-B-5-100K .....	11.111 GΩ total, 5 decades, 100 KΩ/step .....	2995
HRRS-B-5-1M .....	111.11 GΩ total, 5 decades, 1 MΩ/step .....	3995
HRRS-B-6-10 .....	11.1111 MΩ total, 6 decades, 10 Ω/step .....	2095
HRRS-B-6-100 .....	111.111 MΩ total, 6 decades, 100 Ω/step .....	2595
HRRS-B-6-1K .....	1.11111 GΩ total, 6 decades, 1 KΩ/step .....	2795
HRRS-B-6-10K .....	11.1111 GΩ total, 6 decades, 10 KΩ/step .....	3395
HRRS-B-6-100K .....	111.111 GΩ total, 6 decades, 100 KΩ/step .....	4295
HRRS-B-7-10 .....	111.1111 MΩ total, 7 decades, 10 Ω/step .....	2795
HRRS-B-7-100 .....	1.111111 GΩ total, 7 decades, 100 Ω/step .....	2995
HRRS-B-7-1K .....	11.11111 GΩ total, 7 decades, 1 KΩ/step .....	3595
HRRS-B-7-10K .....	111.1111 GΩ total, 7 decades, 10 KΩ/step .....	4195
-RM Option .....	Rack Mount .....	179
-RO Option .....	Rear Output .....	39
-K Option .....	Kelvin Terminals .....	139
-H Option .....	Handles .....	79

**For HRRS-F (1%) in place of HRRS-B (0.1%) ..... deduct 25%**  
**For HRRS-Q (0.03%) in place of HRRS-B (0.1%) ..... add 20%**

**HRRS-5KV SERIES**

**5KV HIGH RESISTANCE DECADE SUBSTITUTERS**

HRRS-B-1-1G-5KV .....	10 GΩ total, 1 decade, 1 GΩ/step .....	1953
HRRS-B-1-10G-5KV .....	100 GΩ total, 1 decade, 10 GΩ/step .....	2093
HRRS-F-1-100G-5KV .....	1 TΩ total, 1 decade, 100 GΩ/step .....	4130
HRRS-F-1-100G-10KV .....	1 TΩ total, 1 decade, 100 GΩ/step, 10KV .....	5390
HRRS-B-2-1M-5KV .....	110 MΩ total, 2 decades, 1 MΩ/step .....	2513
HRRS-B-2-10M-5KV .....	1.1 GΩ total, 2 decades, 10 MΩ/step .....	2793
HRRS-B-2-100M-5KV .....	11 GΩ total, 2 decades, 100 MΩ/step .....	3213
HRRS-B-2-1G-5KV .....	110 GΩ total, 2 decades, 1 GΩ/step .....	3353
HRRS-B-2-10G-5KV .....	1.1 TΩ total, 2 decades, 10 GΩ/step .....	5999
HRRS-B-2-100G-5KV .....	11.1 TΩ total, 2 decades, 100 GΩ/step .....	9999
HRRS-B-3-100K-5KV .....	111 MΩ total, 3 decades, 100 KΩ/step .....	2793
HRRS-B-3-1M-5KV .....	1.11 GΩ total, 3 decades, 1 MΩ/step .....	3073
HRRS-B-3-10M-5KV .....	11.1 GΩ total, 3 decades, 10 MΩ/step .....	3493
HRRS-B-3-100M-5KV .....	111 GΩ total, 3 decades, 100 MΩ/step .....	3633
HRRS-B-3-1G-5KV .....	1.11 TΩ total, 3 decades, 1 GΩ/step .....	6399
HRRS-B-3-10G-5KV .....	11.1 TΩ total, 3 decades, 10 GΩ/step .....	10,399
HRRS-B-4-10K-5KV .....	111.1 MΩ total, 4 decades, 10 KΩ/step .....	3073
HRRS-B-4-100K-5KV .....	1.111 GΩ total, 4 decades, 100 KΩ/step .....	3353
HRRS-B-4-1M-5KV .....	11.11 GΩ total, 4 decades, 1 MΩ/step .....	3633
HRRS-B-4-10M-5KV .....	111.1 GΩ total, 4 decades, 10 MΩ/step .....	4193
HRRS-B-4-100M-5KV .....	1.111 TΩ total, 4 decades, 100 MΩ/step .....	6799
HRRS-B-4-1G-5KV .....	11.11 TΩ total, 4 decades, 1 GΩ/step .....	10,799





HRRS-B-5-1K-5KV .....	111.11 MΩ total, 5 decades, 1 KΩ/step .....	3353
HRRS-B-5-10K-5KV .....	1.1111 GΩ total, 5 decades, 10 KΩ/step .....	3633
HRRS-B-5-100K-5KV .....	11.1111 GΩ total, 5 decades, 100 KΩ/step .....	4193
HRRS-B-5-1M-5KV .....	111.11 GΩ total, 5 decades, 1 MΩ/step .....	5593
<b><u>HRRS-5KV SERIES (Cont'd)</u></b>		
HRRS-B-5-10M-5KV .....	1.1111 TΩ total, 5 decades, 10 MΩ/step .....	7199
HRRS-B-5-100M-5KV .....	11.1111 TΩ total, 5 decades, 100 MΩ/step .....	11199
HRRS-B-6-10-5KV .....	11.1111 MΩ total, 6 decades, 10 Ω/step .....	2933
HRRS-B-6-100-5KV .....	111.111 MΩ total, 6 decades, 100 Ω/step .....	3633
HRRS-B-6-1K-5KV .....	1.11111 GΩ total, 6 decades, 1 KΩ/step .....	3913
HRRS-B-6-10K-5KV .....	11.1111 GΩ total, 6 decades, 10 KΩ/step .....	4753
HRRS-B-6-100K-5KV .....	111.111 MΩ total, 6 decades, 100 KΩ/step .....	5593
HRRS-B-6-1M-5KV .....	1.11111 TΩ total, 6 decades, 1 MΩ/step .....	7599
HRRS-B-6-10M-5KV .....	11.1111 TΩ total, 6 decades, 10 MΩ/step .....	11599
HRRS-B-7-10-5KV .....	111.1111 MΩ total, 7 decades, 10 Ω/step .....	3913
HRRS-B-7-100-5KV .....	1.111111 GΩ total, 7 decades, 100 Ω/step .....	4193
HRRS-B-7-1K-5KV .....	11.11111 GΩ total, 7 decades, 1 KΩ/step .....	5033
HRRS-B-7-10K-5KV .....	111.1111 GΩ total, 7 decades, 10 KΩ/step .....	5873
HRRS-B-7-100K-5KV .....	1.111111 TΩ total, 7 decades, 100 KΩ/step .....	7999
HRRS-B-7-1M-5KV .....	11.11111 TΩ total, 7 decades, 1 MΩ/step .....	11999
HRRS-B-8-1-5KV .....	111.11111 MΩ total, 8 decades, 1 Ω/step .....	4193
HRRS-B-8-10-5KV .....	1.111111 GΩ total, 8 decades, 10 Ω/step .....	4473
HRRS-B-8-100-5KV .....	11.111111 GΩ total, 8 decades, 100 Ω/step .....	5313
HRRS-B-8-1K-5KV .....	111.11111 GΩ total, 8 decades, 1 KΩ/step .....	6153
HRRS-B-8-10K-5KV .....	1.111111 TΩ total, 8 decades, 10 KΩ/step .....	8399
HRRS-B-8-100K-5KV .....	11.111111 TΩ total, 8 decades, 100 KΩ/step .....	12399
HRRS-B-9-0.1-5KV .....	111.111111 MΩ total, 9 decades, 0.1 Ω/step .....	4473
HRRS-B-9-1-5KV .....	1.1111111 GΩ total, 9 decades, 1 Ω/step .....	4753
HRRS-B-9-10-5KV .....	11.111111 GΩ total, 9 decades, 10 Ω/step .....	5593
HRRS-B-9-100-5KV .....	111.111111 GΩ total, 9 decades, 100 Ω/step .....	6433
HRRS-B-9-1K-5KV(0.6T) .....	1.1111111 TΩ total, 9 decades, 1 KΩ/step .....	8699
HRRS-B-9-1K-5KV .....	1.1111111 TΩ total, 9 decades, 1 KΩ/step .....	8799
HRRS-B-9-10K-5KV .....	11.111111 TΩ total, 9 decades, 10 KΩ/step .....	12799
<b>For HRRS-F (1%) in place of HRRS-B (0.1%) ..... deduct 25%</b>		
<b>For HRRS-Q (0.03%) in place of HRRS-B (0.1%) ..... add 20%</b>		

**HPRS SERIES**  
**HIGH POWER DECADE RESISTANCE SUBSTITUTERS**

HPRS-F-3-0.001 .....	1 Ω total, 3 decades, 0.001 Ω/step .....	1195
HPRS-F-3-0.01 .....	10 Ω total, 3 decades, 0.01 Ω/step .....	1195
HPRS-F-3-0.1 .....	100 Ω total, 3 decades, 0.1 Ω/step .....	1195
HPRS-F-3-1 .....	1 kΩ total, 3 decades, 1 Ω/step .....	1195
HPRS-F-3-10 .....	10 kΩ total, 3 decades, 10 Ω/step .....	1195
HPRS-F-3-100 .....	100 kΩ total, 3 decades, 100 Ω/step .....	1195
HPRS-F-3-1K .....	1 MΩ total, 3 decades, 1 KΩ/step .....	1195
HPRS-F-3-10K .....	10 MΩ total, 3 decades, 10 KΩ/step .....	1195
HPRS-F-4-0.001 .....	10 Ω total, 4 decades, 0.001 Ω/step .....	1299
HPRS-F-4-0.01 .....	100 Ω total, 4 decades, 0.01 Ω/step .....	1299
HPRS-F-4-0.1 .....	1 kΩ total, 4 decades, 0.1 Ω/step .....	1299
HPRS-F-4-1 .....	10 kΩ total, 4 decades, 1 Ω/step .....	1299
HPRS-F-4-10 .....	100 kΩ total, 4 decades, 10 Ω/step .....	1299
HPRS-F-4-100 .....	1 MΩ total, 4 decades, 100 Ω/step .....	1299
HPRS-F-4-1K .....	10 MΩ total, 4 decades, 1 KΩ/step .....	1299
HPRS-F-5-0.001 .....	100 Ω total, 5 decades, 0.001 Ω/step .....	1499
HPRS-F-5-0.01 .....	1 KΩ total, 5 decades, 0.01 Ω/step .....	1499
HPRS-F-5-0.1 .....	10 KΩ total, 5 decades, 0.1 Ω/step .....	1499

HPRS-F-5-1 .....	100 KΩ total, 5 decades, 1 Ω/step .....	1499
HPRS-F-5-10 .....	1 MΩ total, 5 decades, 10 Ω/step .....	1499
HPRS-F-5-100 .....	10 MΩ total, 5 decades, 100 Ω/step .....	1499
HPRS-F-6-0.001 .....	1 KΩ total, 6 decades, 0.001 Ω/step .....	1699
HPRS-F-6-0.01 .....	10 kΩ total, 6 decades, 0.01 Ω/step .....	1699
HPRS-F-6-0.1 .....	100 kΩ total, 6 decades, 0.1 Ω/step .....	1699
HPRS-F-6-1 .....	1 MΩ total, 6 decades, 1 Ω/step .....	1699
HPRS-F-6-10 .....	10 MΩ total, 6 decades, 10 Ω/step .....	1699
HPRS-F-7-0.001 .....	10 KΩ total, 7 decades, 0.001 Ω/step .....	1799
HPRS-F-7-0.01 .....	100 kΩ total, 7 decades, 0.01 Ω/step .....	1799
HPRS-F-7-0.1 .....	1 MΩ total, 7 decades, 0.1 Ω/step .....	1799
HPRS-F-7-1 .....	10 MΩ total, 7 decades, 1 Ω/step .....	1799
HPRS-F-8-0.001 .....	100 KΩ total, 8 decades, 0.001 Ω/step .....	1899
HPRS-F-8-0.01 .....	1 MΩ total, 8 decades, 0.01 Ω/step .....	1899
HPRS-F-8-0.1 .....	10 MΩ total, 8 decades, 0.1 Ω/step .....	1899
HPRS-F-9-0.001 .....	1 MΩ total, 9 decades, 0.001 Ω/step .....	1999
HPRS-F-9-0.01 .....	10 MΩ total, 9 decades, 0.01 Ω/step .....	1999
-RM Option .....	Rack mount .....	179
-RO Option .....	Rear output .....	39
-H Option .....	Handles .....	99
<b>For HPRS-C (0.5%) in place of HPRS-F (1%) ..... add 25%</b>		

**PRS • PCS • PLS • PRTD SERIES**  
**PROGRAMMABLE IMPEDANCE DECADE SUBSTITUTERS**

PRS-200 .....	Programmable Resistance Substituter .....	2899
PRS-201 .....	Programmable Precision Resistance Substituter .....	3299
PRS-200W .....	Programmable Wide Range Resistance Substituter .....	3195
PRS-201W .....	Programmable Wide Range Precision Resistance Sub .....	3759
PRS-202 .....	Programmable High Precision Resistance Substituter .....	4695
PRS-202W .....	Programmable Wide Range High Precision Resistance Sub .....	4995
PCS-300 .....	Programmable Capacitance Substituter .....	3999
PCS-301 .....	Programmable Precision Capacitance Substituter .....	4289
PLS-400 .....	Programmable Wide Range Inductance Substituter .....	5249
PLS-400A .....	Programmable Inductance Substituter .....	4695
PRTD Models .....	Programmable RTD Simulator .....	Consult IET

EACH ITEM ABOVE MUST HAVE AN INTERFACE OPTION  
FOR EXAMPLE, PRS-200-IEEE

**INTERFACE OPTIONS:**

-IEEE.1 Option .....	IEEE-488.1 Interface .....	1195
-IEEE Option .....	IEEE-488.2 Interface .....	1195
-RS232 Option .....	Serial Interface .....	1195
-BCD Option .....	BCD Interface .....	495
<b><u>OTHER OPTIONS:</u></b>		
-RM Option .....	Rack mount .....	179
-RO Option .....	Rear output .....	79
-D Option .....	Digital display of command .....	399
-SC Option .....	Short circuit option .....	159
-OC Option .....	Open circuit option .....	59
-220V .....	220 V Operation .....	0

**SRL • SRR**  
**VERY HIGH ACCURACY RESISTANCE STANDARDS**

<i>Very High Accuracy</i>		
SRL-0.001 .....	1 mΩ .....	2179
SRL-0.0019 .....	1.9 mΩ .....	2179
SRL-0.002 .....	2 mΩ .....	2179
SRL-0.01 .....	10 mΩ .....	2179
SRL-0.019 .....	19 mΩ .....	2179



SRL-0.1	100mΩ	2179
SRL-0.19	190mΩ	2179
SRL-1	1 Ω	1979
SRL-1.9	1.9 Ω	1979
SRL-10	10 Ω	1979
SRL-19	19 Ω	1979
SRL-25	25 Ω	1979
SRL-100	100 Ω	1979
SRL-190	190 Ω	1979
SRL-400	400 Ω	1979
SRL-1K	1 kΩ	1979
SRL-1.9K	1.9 kΩ	1979
SRL-10K	10 kΩ	1979
SRL-19K	19 kΩ	1979
SRL-100K	100 kΩ	1979
SRL-190K	190 kΩ	1979
SRL-1M	1 MΩ	1979
SRL-1.9M	1.9 MΩ	1979
SRL-10M	10 MΩ	1979
SRL-19M	19 MΩ	1979
SRL-100M	100MΩ	2079
SRL-1G	1GΩ	2179
SRL-10G	10GΩ	2279
SRL-100G	100GΩ	2379
SRL-1T	1TΩ	2479
SRL-1.9T	1.9TΩ	2579
SRL-10T	10TΩ	2879
SRL-X	Customer specified value	Consult IET
SRC-100	Dual transit case	540
<i>Reichsanstalt Type</i>		
SRR-0.0001	0.0001 Ω	3895
SRR-0.001	0.001 Ω	3895
SRR-0.01	0.01 Ω	3895
SRR-0.1	0.1 Ω	3895

**SRX • SRA • SRC SERIES**

**HIGH ACCURACY REFERENCE & WORKING RESISTANCE STANDARDS**

*Reference Standards*

SRX-0.001	0.001 Ω	1129
SRX-0.0019	0.0019 Ω	1229
SRX-0.01	0.01 Ω	799
SRX-0.019	0.019 Ω	799
SRX-0.1	0.1 Ω	799
SRX-0.19	0.19 Ω	799
SRX-1	1 Ω	499
SRX-1.9	1.9 Ω	499
SRX-10	10 Ω	499
SRX-19	19 Ω	499
SRX-100	100 Ω	499
SRX-190	190 Ω	499
SRX-1k	1 kΩ	499
SRX-1.9k	1.9 kΩ	499
SRX-10k	10 kΩ	499
SRX-19k	19 kΩ	499
SRX-100k	100 kΩ	499
SRX-190k	190 kΩ	499
SRX-1M	1 MΩ	599
SRX-1.9M	1.9 MΩ	649
SRX-10M	10 MΩ	999

SRX-19M	19 MΩ	999
SRX-100M	100 MΩ	1949
SRX-190M	190 MΩ	1949
SRX-X	Customer specified value	999
SRC-100	Dual transit case	540
<i>High Resistance High Voltage Standards</i>		
SRC-19M	19 MΩ	995
SRC-100M	100 MΩ	995
SRC-190M	190 MΩ	995
SRC-1G	1 GΩ	995
SRC-1.9G	1.9 GΩ	995
SRC-10G	10 GΩ	995
SRC-19G	19 GΩ	1195
SRC-100G	100 GΩ	1195
SRC-190G	190 GΩ	1395
SRC-1T	1 TΩ	1895
SRC-1.9T	1.9 TΩ	2395
SRC-10T	10 TΩ	2795
SRX-X	Customer specified value	Consult IET
SRC-100	Dual transit case	540
<b>For SRA (30 ppm) in place of SRX (10 ppm) ..... deduct 10%</b>		

**RTD SERIES**

**RTD SIMULATORS**

RTD-Z-6-.001	High Accuracy RTD Simulator	2880
RTD-X-6-.001	High Accuracy RTD Simulator	2290
RTD-Z-6-.01	High Accuracy RTD Simulator	2880
RTD-X-6-.01	High Accuracy RTD Simulator	2290
RTD-250	RTD Simulator	1395
-RM Option	Rack Mount	179

**VRS SERIES**

**HIGH RESISTANCE STANDARDS**

VRS-100-9-1K-ROT	High Resistance Standard, 9 values, 1 kΩ - 100 GΩ	2995
VRS-100-9-1K-BP	High Resistance Standard, 9 values, 1 kΩ - 100 GΩ	2995
VRS-100-10-1K-ROT	High Resistance Standard, 10 values, 1 kΩ - 1 TΩ	4195
VRS-100-10-1K-BP	High Resistance Standard, 10 values, 1 kΩ - 1 TΩ	4195
VRS-100-10-10K-BP	High Resistance Standard, 10 values, 10 kΩ - 10 TΩ	5485

**SC SERIES**

**CAPACITANCE STANDARDS**

SCA-1pF	1 pF Capacitance Standard	1095
SCA-1.9pF	1.9 pF Capacitance Standard	1295
SCA-10pF	10 pF Capacitance Standard	1095
SCA-19pF	19 pF Capacitance Standard	1295
SCA-100pF	100 pF Capacitance Standard	1095
SCA-190pF	190 pF Capacitance Standard	1295
SCA-1nF	1 nF Capacitance Standard (0.001 μF)	1095
SCA-1.9nF	1.9 nF Capacitance Standard (0.0019 μF)	1295
SCA-10nF	10 nF Capacitance Standard (0.01 μF)	1095
SCA-19nF	19 nF Capacitance Standard (0.019 μF)	1295
SCA-100nF	100 nF Capacitance Standard (0.1 μF)	1195
SCA-190nF	190 nF Capacitance Standard (0.19 μF)	1395
SCA-1 μF	1 μF Capacitance Standard	2899
SCA-1.9 μF	1.9 μF Capacitance Standard	3189
SCA-5 μF	5 μF Capacitance Standard	3299
SCA-10 μF	10 μF Capacitance Standard	3389
SCA-19 μF	19 μF Capacitance Standard	3599
SCA-100 μF	100 μF Capacitance Standard	3889



SCA-190µF .....	190 µF Capacitance Standard .....	4189
SCA-1000µF .....	1000 µF Capacitance Standard .....	4589
SCA-1900µF .....	1900 µF Capacitance Standard .....	5185
SRC-100 .....	Dual Transit Case .....	540

**SL SERIES INDUCTANCE STANDARDS** Replaced by GR 1482 Series; see p. 1

**HATS-LR SERIES**

**HIGH ACCURACY TRANSFER STANDARDS**

HATS-LR-1 .....	10 Ω/step transfer standard .....	2690
HATS-LR-10 .....	10 Ω/step transfer standard .....	2690
HATS-LR-TC-10 .....	10 Ω/step transfer standard with low TC .....	3490
HATS-LR-100 .....	100 Ω/step transfer standard .....	2690
HATS-LR 1K .....	1 kΩ/step transfer standard .....	2690
HATS-LR-10K .....	10 kΩ/step transfer standard .....	2690
HATS-LR-100K .....	100 kΩ/step transfer standard .....	2690
HATS-LR-SB .....	Shorting bars for HATS-LR units .....	1390
HATS-LR-PC .....	Parallel Compensation Network .....	1995
HATS-LR-S .....	Series-Parallel Compensation Network .....	1795
-RM Option .....	Rack mount .....	179

**HATS-Y SERIES**

**HIGH ACCURACY TRANSFER STANDARDS**

HATS-Y-100K .....	100 kΩ/step Transfer Standard .....	3295
HATS-Y-1M .....	1 MΩ/step Transfer Standard .....	4799
HATS-Y-10M .....	10 M Ω/step Transfer Standard .....	6939
-RM Option .....	Rack mount .....	179

**KVD-500 • DP-500 SERIES**

**DIGITAL POTENTIOMETER ECONOMY KELVIN-VARLEY VOLTAGE DIVIDERS**

DP-500 .....	Digital Potentiometer .....	Replaced with KVD-500
KVD-500 .....	Kelvin-Varley Voltage Divider, economy .....	Consult IET

**KVD-600 • KVD-700 • GR 1455**

**KELVIN VARLEY VOLTAGE DIVIDERS**

KVD-600 .....	Kelvin-Varley Voltage Divider, 0.5 ppm, 7 decades .....	15,690
KVD-700 .....	Kelvin-Varley Voltage Divider, 0.1 ppm, 7 decades .....	28,895
KVD-350 .....	Kelvin-Varley Voltage Divider, 15 ppm, 4 decades .....	3950
GR 1455-9700 .....	1455-A, 4-dial, 10kΩ .....	7550
GR 1455-9706 .....	1455-B, 5-dial, 10kΩ .....	8550
GR 1455-9708 .....	1455-BH, 5-dial, 100kΩ .....	8990

**HACS SERIES DECADE CAPACITANCE SUBSTITUTERS** Replaced with HACS-Z

**HACS-Z SERIES**

**HIGH ACCURACY DECADE CAPACITANCE SUBSTITUTERS**

HACS-Z-A-3E-1pF .....	1,110 pF total, 3 decades, 1 pF steps .....	5990
HACS-Z-A-3E-10pF .....	11,100 pF total, 3 decades, 10 pF steps .....	5990

HACS-Z-A-3E-100pF .....	111,000 pF total, 3 decades, 100 pF steps .....	5990
HACS-Z-A-3E-1nF .....	1.11 µF total, 3 decades, 1 nF steps .....	5990
HACS-Z-A-3E-10nF .....	11.1 µF total, 3 decades, 10 nF steps .....	7990
HACS-Z-A-3E-100nF .....	111 µF total, 3 decades, 100 nF steps .....	10,990
HACS-Z-A-3E-1µF .....	1,110 µF total, 3 decades, 1 µF steps .....	14,990
HACS-Z-A-3E-10µF .....	11,100 µF total, 3 decades, 10 µF steps .....	19,990
HACS-Z-A-4E-1pF .....	11, 110 pF total, 4 decades, 1 pF steps .....	6990
HACS-Z-A-4E-10pF .....	0. 1111 µF total, 4 decades, 10 pF steps .....	6990
HACS-Z-A-4E-100pF .....	1.111 µF total, 4 decades, 100 pF steps .....	6990
HACS-Z-A-4E-1nF .....	1 1.11 µF total, 4 decades, 1 nF steps .....	8990
HACS-Z-A-4E-10nF .....	111.1 µF total, 4 decades, 10 nF steps .....	11,990
HACS-Z-A-4E-100nF .....	1,111 µF total, 4 decades, 100 nF steps .....	15,990
HACS-Z-A-4E-1µF .....	11,110 µF total, 4 decades, 1 µF steps .....	20,990
HACS-Z-A-5E-1pF .....	0. 111 11 µF total, 5 decades, 1 pF steps .....	7990
HACS-Z-A-5E-10pF .....	1.1111 µF total, 5 decades, 10 pF steps .....	7990
HACS-Z-A-5E-100pF .....	11.111 µF total, 5 decades, 100 pF steps .....	9990
HACS-Z-A-5E-1nF .....	111.11 µF total, 5 decades, 1 nF steps .....	12,990
HACS-Z-A-5E-10nF .....	1,111.1 µF total, 5 decades, 10 nF steps .....	16,990
HACS-Z-A-5E-100nF .....	11,111 µF total, 5 decades, 100 nF steps .....	21,990
HACS-Z-A-6E-1pF .....	1.111 11 µF total, 6 decades, 1 pF steps .....	9,559
HACS-Z-A-6E-10pF .....	11.111 1 µF total, 6 decades, 10 pF steps .....	11,590
HACS-Z-A-6E-100pF .....	111.111 µF total, 6 decades, 100 pF steps .....	14,590
HACS-Z-A-6E-1nF .....	1,111.11 µF total, 6 decades, 1 nF steps .....	18,590
HACS-Z-A-6E-10nF .....	11,111.1 µF total, 6 decades, 10 nF steps .....	23,590
HACS-Z-A-7E-1pF .....	11.111 11 µF total, 7 decades, 1 pF steps .....	12,585

-RM Option .....	Rack Mount .....	179
-BCD Option .....	BCD output .....	3,995
-874 Option .....	874 connection .....	395
<b>For HACS-Z-B (0.1%) in place of HACS-Z-A (0.05%) .....</b>		<b>deduct 15%</b>

**SC-900 SERIES PRECISION VARIABLE CAPACITORS** Replaced with GR 1422

**VI-700 SERIES**

**PRECISION MANUAL OR PROGRAMMABLE VOLTAGE & CURRENT SOURCES**

VI-700 .....	3.5 digit Precision Voltage & Current Source .....	1195
-HP .....	High power output, up to 200 mA for V channel .....	495
-HI .....	200 mA output, additional, for I channel .....	495
-HV .....	200 V output, additional, for V channel .....	595
-BCD .....	Parallel BCD Remote Programming .....	495
-IEEE .....	IEEE-488 Remote Programming .....	1195

**HSVR SERIES**

**HIGH STABILITY VOLTAGE REFERENCE**

HSVR-1.01 .....	1.01 V High Stability Voltage Reference .....	1099
HSVR-6.3 .....	6.3 V High Stability Voltage Reference .....	1099
HSVR-12.6 .....	12.6 V High Stability Voltage Reference .....	1099
HSVR-18.0 .....	18.0 V High Stability Voltage Reference .....	1099
HSVR-18.9 .....	18.9 V High Stability Voltage Reference .....	1099
HSVR-X .....	Customer selected voltage .....	Consult IET



**IMF-600A SERIES**

**DIGITAL MANUAL/AUTORANGING IMPEDANCE METERS**

IMF-600A	Digital Impedance Meter	1689
IMF-600AR	Autoranging Digital Impedance Meter	1999
LC-603	Single Channel Limits Comparator (requires DO option)	899
-HSC Option	High Sensitivity Capacitance (20 pF Range)	369
-HSL Option	High Sensitivity Inductance (20 µH Range)	369

**LCR-500 SERIES**

**AUTORANGING HANDHELD HIGH PERFORMANCE DIGITAL LCR BRIDGE**

LCR-500	Autoranging LCR meter	369
LCR-5001	ac Adapter (110 V or 220 V switchable)	21
LCR-5002	Carrying Case	31
-CC-25 Option	Dual lead clip-plugs into dual binding post	49

**LOM SERIES**

**HIGH ACCURACY MICRO-OHMMETER**

LOM-510A	Digital Micro-ohmmeter w/501 test clips	1999
LOM-501	Kelvin Test Clips (pair, 1 meter)	249
LOM-501A	Kelvin Test Clips (pair, 2 meter)	259
LOM-502	Kelvin Test Clips, without cable (pair)	125
LOM-503	Kelvin Test Clips, E-Z Hooks (1 meter)	149
LOM-504	Kelvin Test Clips, heavy duty, 2 inch jaws (pair, 1 meter)	289
LOM-506	Kelvin microprobes (pair, 1 meter)	269
LOM-506-1	Replacement microprobes	69
LOM-512	Computer Interface-Digital Comparator for LOM-510-A	49
LOM-512-1	Adapter cable, data, connects LOM-510A to LOM-512	49
LOM-530	Calibration Kit for LOM-510A	1999
LOM-4000	Portable Digital Ohmmeter	799
LOM-4001	Portable Digital Ohmmeter w/Temperature Measurement	999
LOM-DO4A	Portable Digital Ohmmeter	1499
LOM-DO7e	Digital Micro-Ohmmeter	2899
LOM-DO7	Digital Micro-Ohmmeter	3999
LOM-DO5000	Digital Micro-Ohmmeter	5685
LOM-DO5001	Digital Micro-Ohmmeter Battery Version	5885
LOM-DO5002	Digital Micro-Ohmmeter Low Current Version	4299

**GC SERIES**

**GROUND CHECK**

GC-501	Ground Check	58
GC-502	Ground Check and CD	78
GC-503	Ground Check, CD, and DVD	139

**DCCS SERIES**

**CURRENT SHUNTS**

DCCS/0.001	0.001 ohm Current Shunt	690
DCCS/0.01	0.01 ohm Current Shunt	690
DCCS/0.1	0.1 ohm Current Shunt	690
DCCS/1	1 ohm Current Shunt	690
DCCS/10	10 ohm Current Shunt	690
DCCS/100	100 ohm Current Shunt	690
DCCS/1000	1000 ohm Current Shunt	690

**Precision Capacitance/Inductance Measurement Systems - Manual (Misc.)**

1620-9701	1620-A Precision Cap. Measurement System 115 V	Consult IET
1620-9702	1620-A Precision Cap. Measurement System 230 V	Consult IET
1620-9829	1620-AP Precision Cap. Measurement System 115 V	Consult IET
1620-9830	1620-AP Precision Cap. Measurement System	Consult IET
1621-9702	1621 Precision Cap. Measurement System	Consult IET
1615-9801	1615-A Capacitance Bridge	Consult IET
1644-9701	1644-A Megohm Bridge	Consult IET
1633-9801	1633-A Incremental-Inductance Bridge	Consult IET
1650-9702	1650-B Impedance Meter	Consult IET
1232-9701	1232-A Tuned Amplifier & Null Detector	Consult IET
1840-9701	1840-A Output Power Meter	Consult IET

**Sound And Vibration Equipment**

1565-9702	1565-B Sound-Level Meter	\$3,395
1562-9701	1562-A Sound-Level Calibrator	\$2,595
1765-0000	1765 Sound-Level Meter	\$395
1762-0000	1762 Sound-Level Calibrator	\$595
1982-9700	1982 Precision Sound-Level Meter and Analyzer	\$4,495
1986-9700	1986 Omnical Sound-Level Calibrator	\$4,195
1987-9700	1987 Minical Sound-Level Calibrator	\$3,245
1310-9702	1310-B Oscillator	\$1,995
1390-9702	1390-B Random-Noise Generator	\$3,995
1557-9701	1557-A Vibration Calibrator	\$2,295
5301-8111-00	Handbook of Noise Measurement	\$39