

IET Labs Resistance Standards

- Stable, Rugged
- Cost Effective
- Wide Range of Values
- Optional Nonstandard Values
- Optional Transit Case

Choose from the SRX or SRL series of durable, affordable testing instruments. The SRX series is designed for use as a standard in industrial, research, and educational laboratories. The SRL series is an extremely high precision, sealed, resistance standard requiring no oil or other temperature bath.

SRL-1



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SRX Series Specifications — Transfer Grade Standings — High Accuracy and Stability — Low T.C.

Order #	Nominal Value (Ω)	Adjustment to Nominal Value (ppm) SRX	Stability 12 Months (ppm) SRX	Tempco (ppm/°C) SRX	Power Coefficient (ppm/W)	Max Power (W) SRX	SRX Price
MPSRX-1	1	20	20	10	100	0.25	
MPSRX-10	10	10	10	3	50	0.1	
MPSRX-100	100	10	10	1	50	0.1	
MPSRX-1K	1K	10	10	1	50	0.1	
MPSRX-10K	10K	10	10	1	50	0.1	
MPSRX-100K	100K	10	10	1	50	0.1	
MPSRX-1M	1M	20	15	3	50	0.1	
MPSRX-10M	10M	20	15	5	50	0.01	

SLR Series Specifications — Transfer Grade Standings — High Accuracy and Stability — Very Low T.C.

Order #	Nominal Value ±2 ppm (Ω)	Calibration Accuracy (± ppm)	Stability* 12 Months (± ppm)	Max Resistance Change (± ppm) (23 ±5°C)	Maximum Voltage (V)	Power Limit† for Accuracy (mW)	Price
MPSRL-1	1	1.0	8	3	0.5	200	
MPSRL-10	10	1.0	8	3	1	50	
MPSRL-100	100	1.0	6	3	2	10	
MPSRL-1K	1K	1.0	6	2	10	5	
MPSRL-10K	10K	1.0	4	1.5	30	1	
MPSRL-100K	100K	1.0	6	2	100	—	
MPSRL-1M	1M	2	8	2	100	—	
MPSRL-10M	10M	4	9	3	200	—	

SRX Series Specifications — Transfer Grade Standards

Temperature Range:	15°C to 30°C; maximum resistance change for the operating temperature range is 50 ppm
Power:	Power may be applied as long as the maximum resistor temperature remains below 85°C; allow 10°C/W typical temperature rise

SRL Series Specifications — Highest Grade Standards — Highest Accuracy and Stability

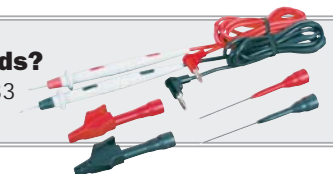
Temperature Range:	18°C to 28°C
Retrace:	Permanent shift in resistance value is <2 ppm for 23°C to 0°C cycle and 23°C to 40°C to 23°C cycle
General	
Calibration Conditions:	4-wire Kelvin measurements with shield, low power, @ 23°C
Terminals:	Four 5-way binding posts for 4-terminal measurement
Size:	8.6 cm x 10.5 cm x 12.7 cm HWD (3.4 x 4.15 x 5")

Accessories

Order #	Mfg #	Description	Price
MPSRC-100	SRC-100	Optional Transit Case	
Transcat Accredited Calibration with Data			CALL

Need Test Leads?

See pages B26-B33



Electronic Test Instruments