

SC600 & SC1000 Calibrators

*Ideal for Calibrating Signal Level Meters
and all CATV Equipment*

± 0.25 dB Flatness 4.5–1000 MHz



Model Shown: SC1000

- Expanded Frequency Range:
Model SC600 4.5–600 MHz
Model SC1000 4.5–1000 MHz
- Increased Noise Output Level
+20 dBmV
- Precision Rotary Attenuator
- Horizontal and Vertical Sync Pulse
Simulation Modes
- 1 KHz Square Wave Modulation to
identify noise source
- Input Jack for External Markers

Sadelco®

75 West Forest Ave. • Englewood, NJ 07631
U.S.A. TOLL FREE (800) 569-6299
Worldwide (201) 569-3323 • FAX (201) 569-6285

Models SC600 & SC1000

Specifications



Precision Reference Signal Source

WHITE NOISE GENERATOR

Type of Signal Emitted:
White Gaussian Noise
Frequency Range:
4.5 – 600MHz Model SC600
4.5 – 1000 MHz Model SC1000
Minimum Guaranteed Output:
20dBmV at 280 KHz receiver bandwidth
Noise Level Flatness:
 ± 0.25 dB 4.5 to 1000 MHz
(with 56" RG59 B/U cable link)
Temperature Variation:
 ± 0.25 dB $+32^{\circ}$ to 120° F
Noise Modulation:
Switchable, 1KHz square wave.
Marker In:
CW or comb freq at 20 dBmV min.
Electronic Shut-Off:
Factory set at 15 min, adjustable to
2 min, 8 min, 30 min or continuous use

CW GENERATOR

Frequency: 73.5 MHz crystal controlled
Output Level: 20dBmV ± 0.2 dB
Temperature Variation: Negligible over
 $+32^{\circ}$ to $+120^{\circ}$ F range
Harmonic Levels: -35 dB
CW Modulation:
15.75 KHz Horizontal
60 Hz Vertical sync pulse simulation

ATTENUATOR

Type:
Precision dual concentric rotary type
Impedance:
75 Ohms, 26 dB return loss or better
Attenuation Range:
0 to 30dB in 1dB steps
Attenuation Accuracy:
 ± 0.2 dB typical

PACKAGE

Front Panel Connectors:
Standard "F" female
BNC available by special order
Dimensions: 6"H x 7"W x 11.5"L
(15cm x 18cm x 29cm)
Weight: 8lbs. (3.64 Kg)

ACCESSORIES SUPPLIED

Case: Water Resistant Cordura nylon
case with $1/2$ " foam, **Part No. X214**
Battery: 11 Cells NiCad Battery Pack,
Part No. X217
Charger: 110 VAC input, 18VDC output,
Part No. TX30
220 VAC input, 15VDC output,
Part No. TX30E
Matched Cable Link:
56" (142 cm) RG59 B/U, **Part No. CA28**

Specifications subject to change without notice.

ST10070196

Sadelco[®]

75 West Forest Ave. • Englewood, NJ 07631
U.S.A. TOLL FREE (800) 569-6299
Worldwide (201) 569-3323 • FAX (201) 569-6285