

SG 0282

Signal generator

- Frequency 1Hz – 1,9 MHz
- Sine, square and triangular waves



Basic data

Frequency range	1 Hz to 1,9 MHz (Sine, square and triangular wave)
Frequency accuracy	± 5%
Display	6 digit
Output impedance	50 Ω ± 5%
Amplitude	max. 20 Vpp without terminator, max. 10 Vpp at 50 Ω
Symmetry settings:	10:1 to 1:10
VCF input	0 - V / DC / AC
Dampener	20 dB
DC offset / output	± 10V (without termination), ±5 V at 50 Ω
s/n ratio sine	< 0,3% at 1 Hz to 100 kHz
Rectangular signal	Build-up / fall time < 140 ns
Triangular signal	Linearity > 99% from 1 Hz to 100 kHz
TTL output	Build-up / fall time < 25ns, level high > 2,4V and low < 0,4V
CMOS output	Build-up / fall time < 160ns, level high 5 - 15 VDC ± 2V
Wobble function	20 ms to 2 s
Frequency counter	Range 2 Hz - 50 MHz, time basis errors ± 1 digit, sensitivity 100mVrms
Operating voltage	230VAC, 50 Hz, ± 10%
Power consumption	15W
Over-voltage category	CAT II 250V
Operating temperature	0°C to 40°C
Dimensions	240 x 90 x 270 mm
Weight	app. 2 kg