

Intelligent Counter



FEATURES

- * Frequency, Period Measurement
- * Microprocessor Controlled Intelligent Counter
- * High Resolution at Both High and Low Frequency
- * 0.01Hz ~ 2.7GHz Frequency Range
- * 10mV rms High Sensitivity
- * 100nHz Resolution for 1Hz
- * Variable Trigger Level Control
- * Display Hold Function

GFC-8270H(2.7GHz)

SPECIFICATIONS	
DISPLAY	8 digits with Hz, kHz, MHz, GHz, S, mS, μ S, nS and overflow
GATE TIME	Variable from 10ms to 10s, or 1 period of input whichever is greater
ACCURACY	\pm (Resolution \pm timebase error)
CHANNEL A	
Range	DC coupled 0.01Hz ~ 120MHz AC coupled 30Hz ~ 120MHz
Sensitivity	10mV rms typical, 50mV rms max
Coupling	AC or DC switchable
Filter	Low pass, switchable in or out for channel A -3dB point of nominally 100kHz
Impedance	1M Ω //40pF
Attenuator	20dB
Trigger Level	-2.5 VDC to + 2.5 VDC
Adjustment	
Resolution	The maximum resolution is 100nHz for 1Hz and 0.1Hz for 100MHz inputs respectively for frequency measurement and 100nS for 1Hz and 10^{-15} S for 100MHz inputs respectively for period measurement At least 7,6,5 digits are displayed for 1 sec, 100mS, 10mS gate time respectively
Period Range	8nS to 100S at least 7 digits displayed for per second of gate time
CHANNEL B	
Range	50MHz to 2.7GHz
Sensitivity	\leq 50mVrms (10mVrms typical)
Coupling	AC only
TIME BASE	
Aging rate	1PPM, per Month
Temperature	5PPM $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Line variation	\pm 0.005PPM for \pm 10% variation
POWER SOURCE	AC 100V/120V/ 220V/230V \pm 10%, 50/60Hz
ACCESSORIES	Instruction Manual x 1 , Power cord x 1 GTL-110 x 1, GTL-101 x 1
DIMENSIONS & WEIGHT	230(W) x 95(H) x 280(D)mm, Approx. 2.2kg

ORDERING INFORMATION

GFC-8270H 2.7GHz Intelligent Counter

Strumenti di Misura Nuovi e Ricondizionati



web. www.test.it
email. testinst@tin.it

Strada Vicinale Battifoglia Z.I.
06132 S. Andrea delle Fratte
Perugia

(39) 075 87 88 003 tel.
(39) 075 87 88 013 fax.
(39) 388 85 86 991 vendite
(39) 389 48 28 200 vendite
(39) 335 61 58 054 direzione