



GFC-8010H (120MHz)

The GFC-8010H performs virtually most of the counting measurements required in laboratories or ATE environment, in terms of both period and frequency. 8 digits LED display with distinctive red color and overflow indicator provides fast and clear view. Easy operation with all functions neatly organized on the front panel, compact size suitable for both portable and bench-top usage, GFC-8010H serves users as a handy reference.

FEATURES

- * 1Hz ~ 120MHz Range
- * 8 Digit Display (0.3" LED)
- * 15mVrms High Sensitivity
- * 5ppm High Stability Time Base
- * Frequency and Period Measurement
- * Low Pass Filter Function
- * Over-Flow Indicator

GTL-101 Test Lead

BNC-Alligator Heads



SPECIFICATIONS

DISPLAY GATE TIME ACCURACY	
	8 Digit with Hz, kHz, MHz, S, mS, μ S, nS and overflow 0.1S, 1S, 10 S switch selectable $\pm(1 \text{ Digit} + \text{Time base accuracy})$
INPUT	
Sensitivity	10Hz ~ 10MHz < 15mVrms 10MHz ~ 40MHz < 20mVrms 40MHz ~ 80MHz < 35mVrms 80MHz ~ 120MHz < 50mVrms
Impedance	1M Ω //35pF
Coupling System	AC Coupling
Max Input Voltage	150Vrms
TIME BASE	
Oscillation Frequency	10MHz
Aging Rate	± 1 ppm per month
Temp. Stability	25 $^{\circ}$ C $\pm 5^{\circ}$ C : ± 5 ppm
RESOLUTION	
The maximum resolution is 1 μ Hz for 10Hz and 0.1Hz for 100MHz Input respectively for frequency measurement and 1nS for 10Hz and 0.1 x 10 ⁻¹⁵ for 100MHz	
POWER SOURCE	
AC 100V/120V/220V/230V $\pm 10\%$, 50/60Hz	
ACCESSORIES	
User Manual x 1 Power cord x 1 Test Lead GTL-101 x 1	
DIMENSIONS & WEIGHT	
230(W) x 95(H) x 280(D) mm, Approx. 1.7kg	

ORDERING INFORMATION

GFC-8010 120MHz Digital Frequency Counter