



GFC-8010H (120MHz)

The GFC-8010H is a Digital Frequency Counter, particularly suitable for educational and laboratory use. It features a stable 5ppm time base, a low pass filter and an overflow indicator with a maximum operating rate of 120MHz. The clear 8 digit LED display coupled with a quick easy-to-use interface makes it a handy instrument on any bench-top.

FEATURES

- * 10Hz ~ 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	
MAIN	
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°C $\pm 5^\circ\text{C}$: ± 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	
DIMENSIONS & WEIGHT	
230(W) x 95(H) x 280(D) mm, Approx. 1.7kg	

ORDERING INFORMATION

GFC-8010 120MHz Digital Frequency Counter

ACCESSORIES :

User Manual x 1 , Power cord x 1

Test Lead GTL-101 x 1