



**GFC-8010H (120MHz)**

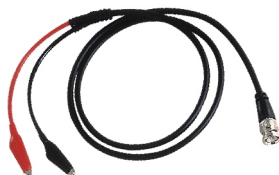
The GFC-8010H is a Digital Frequency Counter, particularly suitable for educational and laboratory use. It features a stable 5ppm time base, a low pass filter and an overflow indicator with a maximum operating rate of 120MHz. The clear 8 digit LED display coupled with a quick easy-to-use interface makes 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	
<b>MAIN</b>	
Display Gate Time Accuracy	8 Digit with Hz, kHz, MHz, S, mS, $\mu$ S, nS and overflow 0.1S, 1S, 10 S switch selectable $\pm(1 \text{ Digit} + \text{Time base accuracy})$
<b>INPUT</b>	
Sensitivity	10Hz ~ 10MHz < 15mVrms 10MHz ~ 40MHz < 20mVrms 40MHz ~ 80MHz < 35mVrms 80MHz ~ 120MHz < 50mVrms
Impedance	1M $\Omega$ //35pF
Coupling System	AC Coupling
Max Input Voltage	150Vrms
<b>TIME BASE</b>	
Oscillation Frequency	10MHz
Aging Rate	$\pm 1$ ppm per month
Temp. Stability	25°C $\pm$ 5°C : $\pm 5$ ppm
<b>RESOLUTION</b>	
The maximum resolution is 1 $\mu$ Hz for 10Hz and 0.1Hz for 100MHz Input respectively for frequency measurement and 1nS for 10Hz and 0.1 x 10 <sup>-15</sup> for 100MHz	
<b>POWER SOURCE</b>	
AC 100V/120V/220V/230V $\pm$ 10% , 50/60Hz	
<b>DIMENSIONS &amp; WEIGHT</b>	
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