



## GFC-8010H (120MHz)

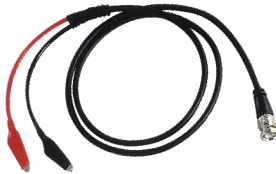
The GFC-8010H performs virtually most of the counting measurements required in laboratories, in terms of both period and frequency. 8 digits LED display with distinctive red color and overflow indicator provides fast and clear view. Easy operation with all functions neatly organized on the front panel,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

### FEATURES

- \* 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	
<b>Display Gate Time Accuracy</b>	8 Digit with Hz, kHz, MHz, S, mS, $\mu$ S, nS and overflow 0.1S, 1S, 10 S switch selectable $\pm(1 \text{ Digit} + \text{Time base accuracy})$
INPUT	
<b>Sensitivity</b>	10Hz ~ 10MHz < 15mVrms 10MHz ~ 40MHz < 20mVrms 40MHz ~ 80MHz < 35mVrms 80MHz ~ 120MHz < 50mVrms
<b>Impedance</b>	1M $\Omega$ //35pF
<b>Coupling System</b>	AC Coupling
<b>Max Input Voltage</b>	150Vrms
TIME BASE	
<b>Oscillation Frequency</b>	10MHz
<b>Aging Rate</b>	$\pm 1$ ppm per month
<b>Temp. Stability</b>	25 $^{\circ}$ C $\pm 5^{\circ}$ C : $\pm 5$ ppm
RESOLUTION	
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	
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