



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

GFC-8010H (120MHz)

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 ± 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

Instruction 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