

GFC-8010H Specifications

The specifications apply when the GFC-8010H is powered on for at least 30 minutes under +18°C~+28°C.



DISPLAY	
	8 digits with Hz, kHz, MHz, GHz, s, ms, μ s, ns and overflow
GATE TIME	
	0.1s, 1s, 10s selectable
ACCURACY	
	$\pm(1 \text{ digit} + \text{time base accuracy})$
INPUT	
Sensitivity	10Hz ~ 10MHz: < 15mVrms 10MHz ~ 40MHz: < 20mVrms 40MHz ~ 80MHz: < 35mVrms 80MHz ~ 120MHz: < 50mVrms
Impedance	1M Ω //35pF
Coupling	AC coupling
Max Input	150Vrms
TIME BASE	
Oscillation Frequency	10MHz
Aging Rate	± 1 ppm per month
Temperature Stability	25°C \pm 5°C : ± 5 ppm
RESOLUTION	
Frequency	1 μ Hz for 10Hz input 0.1Hz for 100MHz input
Period	1ns for 10Hz input 0.1 x 10 ⁻¹⁵ for 100MHz input
POWER SOURCE	
	AC 100V/120V/220V/230V $\pm 10\%$, 50/60Hz; Power consumption: 5W max.
DIMENSIONS & WEIGHT	
	230(W) \times 95(H) \times 280(D) mm; Approx. 1.7 kg