

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Instek GFC-8131H* at our website: *Click HERE*



FEATURES

* Frequency and Period Measurement
* High Resolution at Both High and Low Frequency
* 0.01Hz ~ 1.3GHz Frequency Range
* 10mV rms High Sensitivity
* 100nHz Resolution for 1Hz
* Variable Trigger Level Control
* Display Hold Function

GFC-8131H(1.3GHz)

SPECIFICATIONS

DISPLAY	8 digits with Hz, kHz, MHz, GHz, S, mS, μS, nS and overflow
GATE TIME	Variable from 10ms to 10s, or 1 period of input depending on whichever is greater
ACCURACY	±(Resolution±timebase error)
CHANNEL A	
Range	DC coupled 0.01Hz ~ 120MHz AC coupled 30Hz ~ 120MHz
Sensitivity	10mV rms typical, 50mV rms max
Coupling	AC or DC, switchable
Filter	Low pass, switchable in or out for channel A -3dB point of nominally 100kHz
Impedance	1MΩ//40pF
Attenuator	20dB
Trigger Level Adjustment	-2.5 VDC ~ + 2.5 VDC
Resolution	The maximum resolution is 100nHz for 1Hz and 0.1Hz for 100MHz inputs respectively for frequency measurement and 10nS for 1Hz and $0.1x10^{-15}$S for 100MHz inputs respectively for period measurement At least 7,6,5 digits are displayed for 1 sec, 100mS, 10mS gate time respectively
Period Range	8nS to 100S at least 7 digits displayed for per second of gate time
CHANNEL B	
Range	50MHz to 1.3GHz
Sensitivity	≤40mVrms (10mVrms typical)
Coupling	AC only
TIME BASE	
Aging rate	1PPM, per Month
Temperature	5PPM 23℃±5℃
Line variation	0.005PPM for ±10% variation in line voltage
POWER SOURCE	AC 100V/120V/220V/230V±10%, 50/60Hz
ACCESSORIES	Instruction Manual x 1 , Power cord x 1 GTL-110 x 1, GTL-101 x 1
DIMENSIONS & WEIGHT	230(W) x 95(H) x 280(D)mm, Approx. 2.2kg

ORDERING INFORMATION

GFC-8131H	1.3GHz Intelligent Counter

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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