



Reverse Display

- Easy to read upside down or right side up. This feature is indispensable while the unit is mounted on measuring stand.

N/kgf/lbf selectable

Built-in RS-232C Interface Function(FGC series only)

Specifications

Model	FGC-100HB/FGN-100HB	FGC-250HB/FGC-250HB
Capacity(R.C.)	±980.7N ±100.0kgf ±200lbf	±2452N ±250.0kgf ±500lbf
Measuring range	±1000N ±100.0kgf ±200lbf	±2500N ±250kgf ±500lbf
Resolution	1N 0.1kgf 0.1lbf	
Unit	kgf(gf), N, lbf(ozf)(Easy Reverse display function)	
Measuring mode	Normal measuring & Peak measurements	
Display cycle	0.05,0.1,0.2,0.3,0.5,1 second	
Sampling Rate	1000 times/second	
Accuracy	±0.2% of R.C. + 1/2 digit at 23°C	
Influence of temperature	Span:±0.02%°C Zero point drift/cancelled by tracking	
Display	4 digit 12mm high LCD 1 display at tensile force (Reverse display selectable) Other displays 1."LOW BAT"(Battery is low)2."BAT"(Battery is being charged)3."OVR"(Overloaded)4."PEAK"(Peak hold mode)	
Overload	200% of R.C.	
Tracking	Selectable by ON/OFF	
Output signals※1	RS-232C See chart below Analog ±1V(±Max.load), 12bit D/A converter method, Output interval 140 times/sec. Overload Open collector output (DC30V 5mA Max.)	
Power	NiCd battery % AC adapter(DC9V 200mA), Measuring can be possible during charging."	
Auto Power Off	In 10 minutes, Continuous operation is possible while powering by AC adapter	
Temperature range	0 ~ 40°C	
Dimensions	214mm(L)×82mm(W)×55mm(H)	
Weight	900g	

Accessories(Included) Each of Flat head, Hook, Chisel, Vee, Cone, Extension Rod, Carring case, AC adapter, and Analog cable※

※1FGN-HB series are not available with output signals.

RS-232C Interface spec.

Baut rate:19200, 9600, 4800, 2400bps selectable

Date length:8bit

Spot bit:1bit

Parity:None

Flow control:None