

## Superior Performance For Capacities Up To 500 Pounds

Ask about  
**2 Year  
NIST  
Save 50%**  
on 2<sup>nd</sup> year  
recalibration



- Reversible display
- Outstanding accuracy ( $\pm 0.2\%$  F.S.)
- Peak measurement for both compression and tension
- 1000 Hz update rate
- Reversible keypad
- Rechargeable batteries
- Field calibration through keypad
- Overload capacity: 200% F.S.
- Overload output signal (FGV-H models)
- RS232C and analog outputs (FGV-H models)
- Variable units of measure (lbs, kgs or N)
- Heavy-duty load sensor
- Rugged die-cast aluminum housing
- Two heavy-duty "knurled" steel handles
- Removable hanger
- Measures both compression and tension forces
- Auto power shut-off
- Low battery indicator
- Ergonomically designed
- One year warranty

### SPECIFICATIONS

Model	FGE-200HX	FGE-500HX	FGV-200HX	FGV-500HX
Capacity	200 lb	500 lb	200 lb	500 lb
	100 kg	250 kg	100 kg	250 kg
	1000 N	2500 N	1000 N	2500 N
RS232C Output Port (FGV-HX Models)	Baud rate: 19200, 9600, 4800, 2400 bps selectable , Data length: 8 bits, Stop bit: 1 bit, Parity: none, Software flow control: none			
Analog Output Port (FGV-HX Models)	$\pm 1$ VDC output (through a 12 bit D/A converter)			
Overload Output (FGV-HX Models)	One NPN OC transistor for tension, one NPN OC transistor for compression			
Resolution	0.1 lb/0.1 kg/1 N			
Accuracy	$\pm 0.2\%$ F.S. + 1/2 digit at 73°F (23°C)			
Display	Four digit LCD, .47" high (12 mm) with various indicators including tension and low battery indication (reversible)			
Average/Peak Mode	Selectable			
Display Update	0.05, 0.1, 0.2, 0.3, 0.5, 1 sec selectable			
Sampling Rate	1000/sec			
Overload Capacity	200% of F.S.			
Power	Rechargeable Ni-Cad batteries (included) last approximately 20 hours in continuous operation when fully charged AC adapter/charger (included) for continuous use			
Auto Power Shut-Off	Yes (not active if adapter/charger is in use)			
Operating Temperature Range	32° - 104°F (0° - 40°C)			
Dimension/Weight	8.5" L x 3.4" W x 2.2" H (214 mm x 82 mm x 55 mm) /2 lb (900 g)			
Standard Accessories	AC adapter/charger, carrying case, 2 handles and 6 attachments (flat head, hook, chisel, notched head, cone head, inch adapter, extension rod) The FGV-H also includes an RS232 output cable (FGV-HX only)			
Optional Accessories	Test stands and additional attachments			

Catalog No.	Model	Description
SH2002	FGE-200HX	Digital Force Gauge
SH5002	FGE-500HX	Digital Force Gauge
SH2001	FGV-200HX	Digital Force Gauge
SH5001	FGV-500HX	Digital Force Gauge
SH2000	Loadmeter	Software for FGV Series
NISTFG01	—	NIST Traceable Certificate
NISTFG02	—	NIST Traceable Certificate with Data