




specifications:

	MF-PT100	MF-PT50KG
 MF-PT100		
Capacity	100lb	50kg
Dial Graduations	0.5lb	0.25kg
Accuracy	+/- 0.2% F.S.	
Display	Analog dial, 2" diameter (50mm); Rotatable 360° for taring/zeroing	
Real/Peak Mode	Selectable	
Display Update	Immediate	
Overload Capacity	165 lb	75kg
Kit Includes	MF Force gauge, carrying case & attachments (flat head, hook chisel, notched head, cone head, extension rod, large hook, large v-hook) padded ERGO accessories, handle and free N.I.S.T. traceable certificate of calibration	

	FGE/FGV-PT100	FGE/FGV-PT200, FGE/FGV-PT500
 FGV-PT100		
Capacity	100 lb / 50 kg / 500 N	500 lb / 250 kg / 2500 N
Resolution	0.1 lb / 0.01 kg / 0.1 N	0.1 lb / 0.1 kg / 1 N
Accuracy	±0.2% F.S. + 1/2 digit at 73°F (23°C)	
Display	Reversible 4-Digit LCD, .47" high (12mm) with various indicators including tension and low battery indication	
Average Peak and Mode	Selectable	
Display Update	Selectable	
Sampling Rate	1000/ sec	
Overload Capacity	200% of F.S.	150% of F.S.
Power	Rechargeable Ni-Cad batteries or AC adapter/charger (both included)	
Auto Power Shut-Off	Yes (not active if adapter/charge is in use)	
Operating Temperature Range	32° - 104°F (0° - 40°C)	
Dimensions	5.1" L x 2.9" W x 1.5" H (130 mm x 75 mm x 38 mm)	8.5" L x 3.4" W x 2.2" H (214 mm x 82 mm x 55 mm)
Weight	1 lb (450 g)	2 lb (900 g)
Kit Includes	FGEX/FGVX force gauge, carrying case and attachments (hook, chisel, flat head, notched head, hanger, cone head, extension rod, inch adaptor), padded ERGO accessories, handle, AC adaptor/charger, free N.I.S.T. traceable certificate of calibration and FGV-RS232 cable (w/ FGV-X series only)	FGE-HX/FGV-HX force gauge, carrying case and attachments (hook, chisel, flat head, notched head, hanger, cone head, extension rod, inch adaptor), padded ERGO accessories, 2 handles, AC adaptor/charger, free N.I.S.T. traceable certificate of calibration and FGV-RS232 cable (w/ FGV-HX series only)
output specifications		
RS232C Output Port	User selectable Baud rates <i>Data length:</i> 8 bits <i>Stop bit:</i> 1 bit <i>Parity:</i> none <i>Software flow control:</i> none	
Analog Output Port	±1 VDC output (through a 12 bit D/A converter)	
Overload Output	One NPN OC transistor for tension, one NPN OC transistor for compression	
 FGE-PT500		

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