



# specifications:

|  <p>MF-PT100</p> | MF-PT100          |   | MF-PT50KG |
|---|-------------------|---|-----------|
|   | 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 |           |

|  <p>FGV-PT100</p> <p>FGE-PT500</p> | FGE/FGV-PT100               |   | FGE/FGV-PT200, FGE/FGV-PT500   |
|---|-----------------------------|---|--|
|   | 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) |
| <b>output specifications</b>  |                             |   |  |
| <b>RS232C Output Port</b>   |                             | User selectable Baud rates    Data length: 8 bits    Stop bit: 1 bit    Parity: none    Software flow control: none   |  |
| <b>Analog Output Port</b>   |                             | ±1 VDC output (through a 12 bit D/A converter)  |  |
| <b>Overload Output</b>  |                             | One NPN OC transistor for tension, one NPN OC transistor for compression  |  |

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