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Measuring Quality

Physical Therapy Kits with Digital Force Gauge

For muscle strength and ergonomic force testing, the Shimpo digital PT kits have just the right ingredients for the professional Physical Therapist, or Ergonomist. Lightweight, rugged and attractive, these kits are great for Isokinetic testing and job task analysis. The PT kits with digital force gauges are ergonomically crafted and are easy to operate. In addition, the FGV-PT series kits are equipped with free software for Force data collection.

All kits are capable of displaying peak compression, tension or real time forces. These handsome padded kits are furnished with padded ERGO accessories, handle adapters and N.I.S.T. traceable certificates of calibration. The digital PT Kits are ideal for A.D.A Compliance, workplace design and ergonomic studies.



Kit Shown in 100 or 200 lb.
with FGE or FGV Gauge
(NIST Certificate Included)

Features

- Ranges from 100 to 500 lbs (50 to 250 kg)
- Large easy to read LCD display with units selection
- Peak hold tension and compression or real time force mode
- 180° Reversible display aids user operation in various test configurations
- Compact, ergonomic design is perfect for handheld use
- Outstanding $\pm 0.2\%$ F.S. accuracy allows usage in strictest applications
- Rugged, die cast aluminum housing provides proper protection
- Operate with the rechargeable batteries or AC Power Adapter
- CE Mark & RoHS Approval



Digital force gauge (100 or 200 lb.) shown
with attachable handle. 500 lb. models
handles thread into body of gauge

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PT Kit Specifications

Capacity	FGE-PT100, FGV-PT100: 100 lb, 50 kg, 500 N FGE-PT200, FGV-PT200: 200 lb, 100 kg, 1000 N FGE-PT500, FGV-PT500: 500 lb, 250 kg, 2500 N
Resolution	FGV/FGE-PT100: 0.1 lb / 0.01 kg / 0.1 N FGV/FGE-PT200 & -PT500: 0.1 lb / 0.1 kg / 1 N
Accuracy	+/- 0.2% F.S. @ 73°F (23°C)
Display	Reversible 4-Digit LCD, 0.47" high (12 mm) with various indicators including tension and low battery indication
Mode	Real time or Peak hold mode
Display Update	Selectable
Sampling Rate	1000/sec
Overload Capacity	150% of F.S.; 200% of F.S. for 100 lb
Power	Rechargeable Ni-battery or universal AC adapter/charger (100 - 240 VAC 50/60 Hz)
Auto Power Shut-Off	Yes (not active if adapter/charge is in use)
Temperature Limits	32 to 104°F (0 to 40°C)
Dimensions	FGV/FGE-PT100, -PT200: 5.8" x 3" x 1.5" (147 x 75 x 38 mm) FGV/FGE-PT500: 8.43" x 3.23" x 2.25" (214 x 82 x 57 mm)
Kit Weight	PT100 Kits: 6.3 lb (2.85 kg) PT200 Kits: 6.65 lb (3 kg) PT500 Kits: 7.5 lb (3.4 kg)
Kit Includes	Force gauge, carrying case and attachments (hook, chisel, flat head, notched head, hanger, cone head, extension rod, metric to inch adapter), padded ERGO accessories, handle, AC adapter/charger, N.I.S.T. traceable certificate of calibration and FGV-RS232 cable (w/FGV series only)
Certification	CE, RoHS
Warranty	2 year

Ordering Details

FGE-PT100	Physical therapy kit with FGE-100XY gauge
FGE-PT200	Physical therapy kit with FGE-200XY gauge
FGE-PT500	Physical therapy kit with FGE-500HXY high capacity gauge
FGV-PT100	Physical therapy kit with FGV-100XY data-logging gauge
FGV-PT200	Physical therapy kit with FGV-200XY data-logging gauge
FGV-PT500	Physical therapy kit with FGV-500HXY high capacity data-logging gauge
NIST-FG	NIST traceable certificate of calibration for ranges 0.5 to 100 lbs
NIST-FG-HC	NIST traceable certificate of calibration for ranges 200 to 1000 lbs



**500 lb Kit with FGE or FGV Gauge
(NIST Certificate Included)**

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