

### 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

## PT Kit Specifications

<b>Capacity</b>	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
<b>Resolution</b>	FGV/FGE-PT100: 0.1 lb / 0.01 kg / 0.1 N FGV/FGE-PT200 & -PT500: 0.1 lb / 0.1 kg / 1 N
<b>Accuracy</b>	+/- 0.2% F.S. @ 73°F (23°C)
<b>Display</b>	Reversible 4-Digit LCD, 0.47" high (12 mm) with various indicators including tension and low battery indication
<b>Mode</b>	Real time or Peak hold mode
<b>Display Update</b>	Selectable
<b>Sampling Rate</b>	1000/sec
<b>Overload Capacity</b>	150% of F.S.; 200% of F.S. for 100 lb
<b>Power</b>	Rechargeable Ni-battery or universal AC adapter/charger (100 - 240 VAC 50/60 Hz)
<b>Auto Power Shut-Off</b>	Yes (not active if adapter/charge is in use)
<b>Temperature Limits</b>	32 to 104°F (0 to 40°C)
<b>Dimensions</b>	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)
<b>Kit Weight</b>	PT100 Kits: 6.3 lb (2.85 kg) PT200 Kits: 6.65 lb (3 kg) PT500 Kits: 7.5 lb (3.4 kg)
<b>Kit Includes</b>	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)
<b>Certification</b>	CE, RoHS
<b>Warranty</b>	2 year

## Ordering Details

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



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