

SHIMPO'S

PT KITS

NEW SHIMPO PHYSICAL THERAPY KITS

For Muscle Strength and Ergonomic Force Testing,

the Shimpo 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. Available in two basic models, the PT gauges with ergonomically crafted mechanical and digital designs are easy to operate. In addition, digital units (FGV-PT series kits) are equipped with free software for Force data collection. Ideal

for A.D.A. Compliance, workplace design and ergonomic studies.

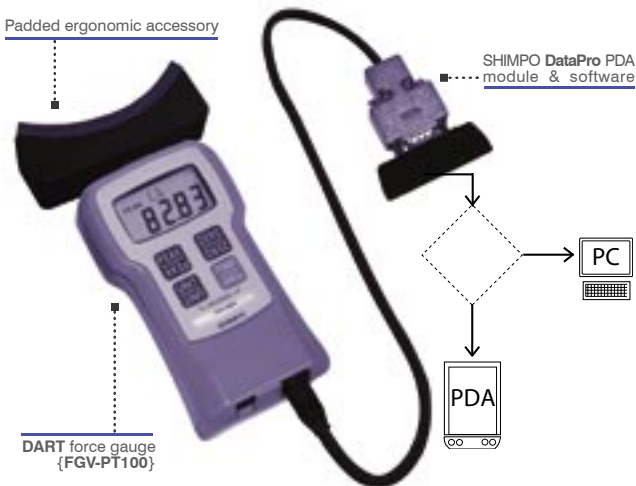
PT kits come complete with either Mechanical or Digital force gauges, for displaying peak compression, tension and real time forces. These handsome padded kits are equipped with padded ERGO accessories, adapters and N.I.S.T. traceable certificates of calibration.



ACCESSORIES

Padded ergonomic accessory

SHIMPO DataPro PDA module & software



FEATURES

MF (MF-PT100 / MF-PT50KG)


- Large, easy to read dial indicator in 0-100 LBS or 0-50 KG
- Peak hold switch



DART (FGE-PT100 / FGV-PT100) {0-100 lb, 50kg, 500N}

JAVELIN (FGE-PT200 / FGV-PT200, & FGE-PT500 / FGV-PT500) {0-200 lb, 100kg, 1000N} {0-500 lb, 250kg, 2500N}

- Large, easy to read LCD display
- Peak hold for tension and compression
- FGV models include RS-232 Communication/PC cable, and Loadmeter software is Windows 95/98 compatible

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)
o u t p u t s p e c i f i c a t i o n s		
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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