



## SPECIFICATIONS & DIMENSIONS

Mode	FGV-0.5XY	FGV-1XY	FGV-2XY	FGV-5XY	FGV-10XY	FGV-20XY	FGV-50XY	FGV-100XY	FGV-200XY
Capacity	0.5lb	1 lb	2 lb	5 lb	10 lb	20 lb	50 lb	100 lbs	200 lb
	2 N	5 N	10 N	20 N	50 N	100 N	200 N	500 N	1000 N
	200 g	500 g	1000 g	2 kg	5 kg	10 kg	20 kg	50 kg	100 kg
	8 oz	16 oz	32 oz	2 kg	5 kg	10 kg	20 kg	50 kg	100 kg
Resolution	0.001lb	0.001lb	0.001lb	0.001 lb	0.01 lb	0.01 lb	0.1 lb	0.1 lb	0.1 lb
	0.001 N	0.001 N	0.01 N	0.01 N	0.01 N	0.1 N	0.1 N	1 N	1 N
	0.1 g	1 g	1 g	0.001 kg	0.001 kg	0.01 kg	0.01 kg	0.01 kg	0.1 kg
	0.01 oz	0.01 oz	0.01 oz	0.001 kg	0.001 kg	0.01 kg	0.01 kg	0.01 kg	0.1 kg
Units of Measure	lb / oz / g / N			lb / kg / N					
Measurement Modes	Standard, Compression Peak, Tension Peak								
Display Rate	User Selectable: 1, 2, 3, 5, 10, 20 times per second								
Sampling Rate	1000 times per second								
Accuracy	± 0.2% F.S.								
Influence of temperature	Gain : ± 0.01 LOAD / Zero : ±0.01 / R.C. / Drift of zero point can be cancelled with tracking function.								
Display	Main display: 4-digits 12mm high, Reversible								
	Units display: 3-digits 7mm high								
	Other display: "LO BAT"(Low Battery Voltage), "BAT"(Battery Charging), "OVR"(Overload), "Peak"(Peak Hold)								
Overload	200% of Full Scale								150% F.S.
Tracking	User Selectable (ON/OFF)								
Output	USB	Allows communication between FGV-XY and Windows PC Software with ToriemonUSB via USB cable(included).							
	RS-232C	Allows communication between the FGV-XY and RS-232C devices. RS-232C cable is an optional accessory.							
	Analog	± 1V, Accuracy is ± 50mV through a 12 bit D/A. ZERO affects this output, and is updated at 1000 times/second. Load is >10k Ω							
	Overload/Comparator	Open-collector output (Max DC30V/5mA).							
Power	Rechargeable Nickel hydride battery or AC adapter/charger. Usable while charging. Operating Time: Approximately 8 hours after a full charge. Charging Time: 16 Hours Max.								
Auto Power Off	Default is 10 minutes. Can be disabled. Automatically disabled when connected to AC adapter.								
Memory function	Continuous memory: 1000 data points, Single memory: 100 data points, Standard memory: 50 data points Statistics functions (max, minimum, peak, average, standard deviation)								
Comparator function	User Selectable: HI and LO								
Temperature range	0 ~ 40° C (-32 ~ 104° F)								
Humidity range	35 ~ 85% RH								
Dimensions	147mm (L)x 75mm (W) x 38mm(H)								
Weight	Approx. 450g								Approx. 500g
Accessories (Included)	AC adapter/charger, carrying case, hook, chisel, flat head, notched head, hanger, cone head, thread Adapter, extension rod, USB cable								
Application software	Application software (USB version): Available at <a href="http://www.shimpoint.com/software">www.shimpoint.com/software</a> for free.								