



## 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						
Resolution	0.001lb		0.001lb	0.001 lb	0.01 lb		0.1 lb	0.1 lb	0.1 lb
	0.001 N		0.01 N	0.01 N	0.01 N		0.1 N	0.1 N	1 N
	0.1 g		1 g	0.001 kg	0.001 kg		0.01 kg	0.01 kg	0.1 kg
	0.01 oz		0.01 oz						
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.								