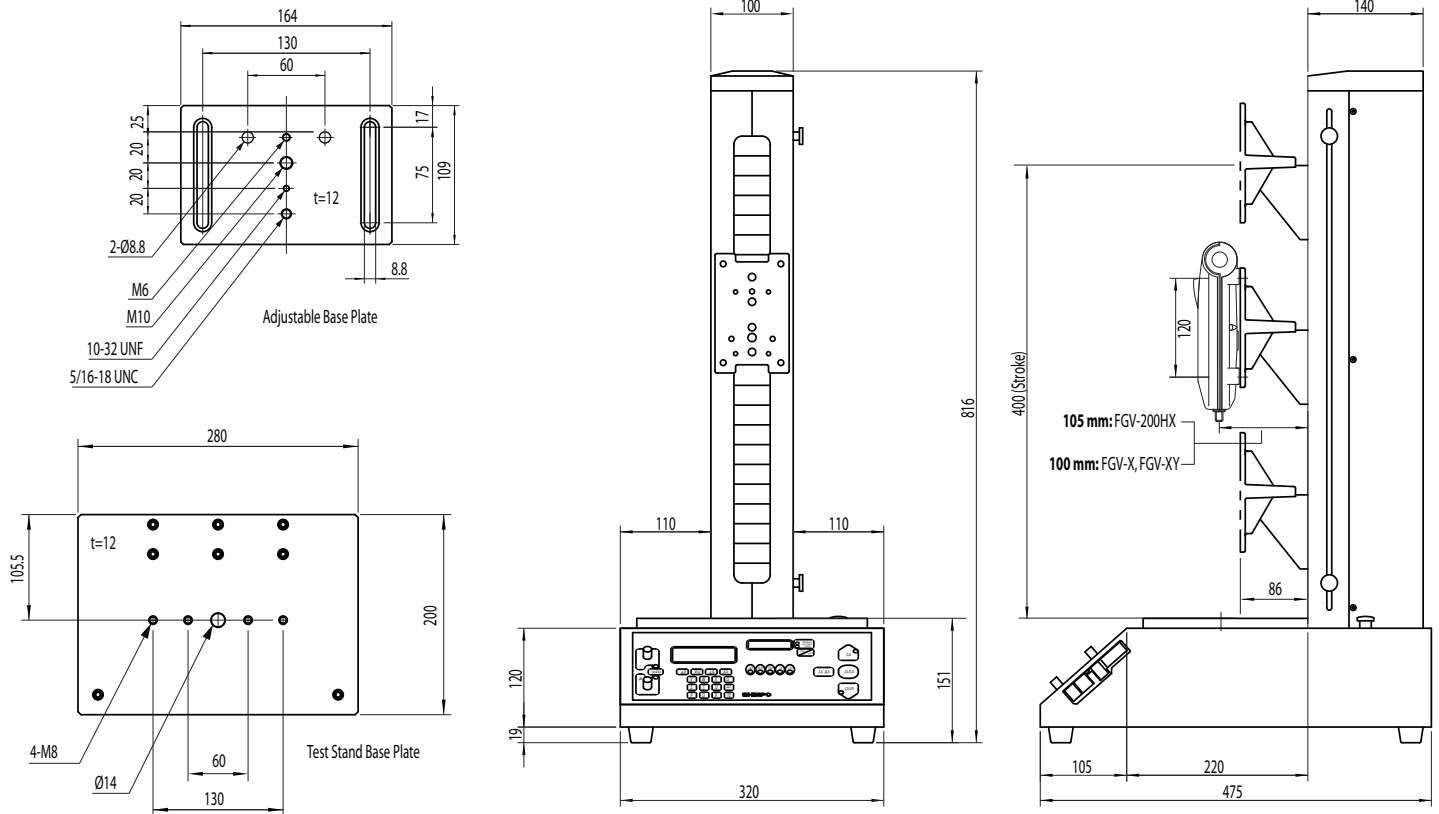


# Dimensions (mm)



FGS-200PV SPECIFICATIONS	
<b>Capacity</b>	100 kgf (200 lbs.)
<b>Reduction Ratio</b>	1:20
<b>Precision Ball Screw Pitch</b>	4mm / 1 Rotation
<b>Stroke</b>	400 mm (15.7 inch)
<b>Travel Speed</b>	0.6 mm/min (0.02 inch/min) - 400 mm/min (15.7 inch/min)
<b>Drive System</b>	Servo Motor (Trapezoidal thread (pitch 4mm / 1 rotation))
<b>Speed Setting</b>	Selectable Speed Knobs (Speed A and Speed B)
<b>Display</b>	5 digit LED
<b>Cycle (max)</b>	1 - 9,999 times
<b>Analog Signal Output</b>	5 mV/ mm max +/- 2 V (400 mm)
<b>Emergency Switch</b>	Push/Twist and release emergency stop button
<b>Operating Modes</b>	
<b>MANU</b>	MANUAL - Operates to selectable force limits
<b>JOG</b>	JOG - Operates while direction key is pressed
<b>SING</b>	SINGLE - Operates one cycle between upper and lower force limits
<b>CONT</b>	CONTINUOUS - Cycles test between upper and lower force limits.
<b>PROG</b>	PROGRAM - Specific Program Tests (each can store 5 programs on each type)
	TOP: Top Load test with threshold option
	STD: Standard test with preload option
	BREAK: Break point test with force drop detection
<b>Communication Feature</b>	USB 1.1 communication from Test stand to PC
<b>Force Gauge Compatibility</b>	FGV-X, FGV-200HX and FGV-XY models
<b>Communication Software</b>	Windows based program, virtual front panel compatible with Windows XP/2000
<b>Alarm</b>	Overload protection for test stand motor (stops motor when overload condition occurs).
<b>Work Space</b>	200 mm (7.87 inch) X 280 mm (11.02 inch)
<b>Operating Temperature</b>	0 - 45 degrees Celsius (Non-condensing)
<b>Power Supply</b>	120 V AC/ 60 hz
<b>Weight</b>	23 Kg (50 lbs)