



SINOCERA

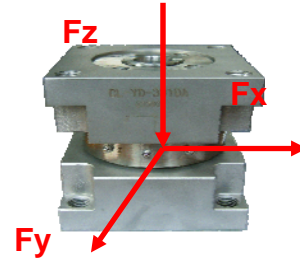


### 3-Component Quartz Force Sensor

Model: CL-YD-3302

#### FEATURES

- Quartz force sensor for measuring the three orthogonal components of a dynamic or quasi-static force acting in an arbitrary direction.
- Accurate measurement independent of the force application point.
- Wide frequency range; compact dimensions; stainless, sealed sensor case; rugged multi-pole plug connection.
- Suitable for mechanical impedance measurement, modal analysis, vibration control system.

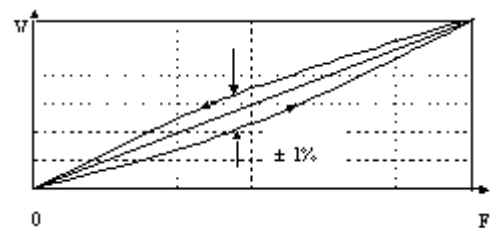
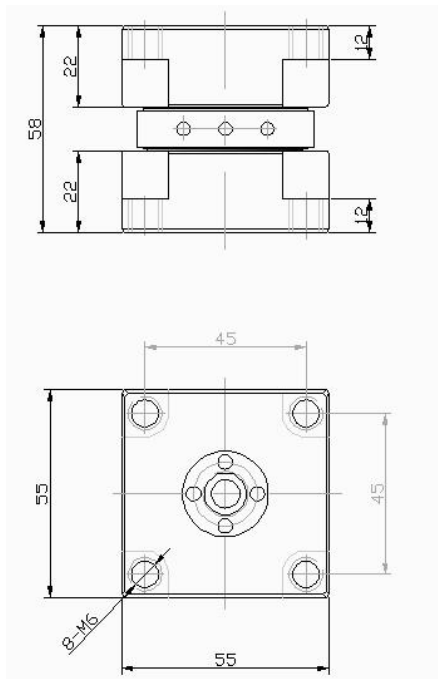


#### SUPPLIED WITH

- Calibration chart
- Protective cap
- STYV-1 Lower noise cable (2m)

#### Technical Specifications:

Sensitivity ( 20±5 °C )	Fz	3.5pC/N
	Fx , Fy	7.5pC/N
Calibrated range	Fz	±20kN
	Fx , Fy	±4 kN
Overload	120 %	
Linearity,	<1%F·S.	
Hysteresis,	<1%F·S	
Repeatability	<1%F·S	
Capacitance	80pF	
Insulation Resistance	>1012Ω	
Resonance Frequency	>18kHz	
Operating Temperature Range	-40 to +80 °C	
Weight	1Kg	
Case Material	High Strength Stainless Steel	
Mounting	8-M6	
Sensing Element	Quartz	
Output Type	3 -L5 (Side)	



Typical static calibration curve (3 times average)