



SINOCERA



Impedance Head (Acceleration & Force)

Model: CL-YD-331

FEATURES

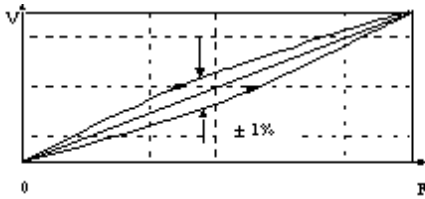
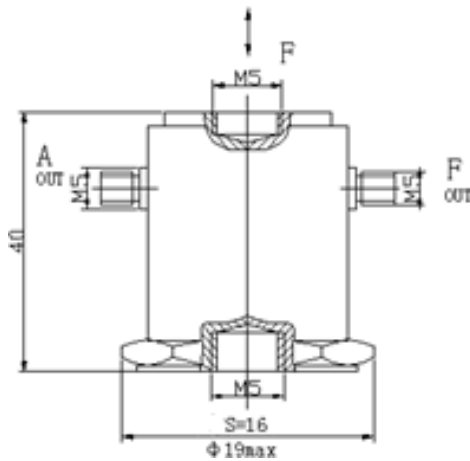
- Small Size, light weight
- Acceleration and Force Output
- Suitable for mechanical impedance measurement & modal analysis.

SUPPLIED WITH

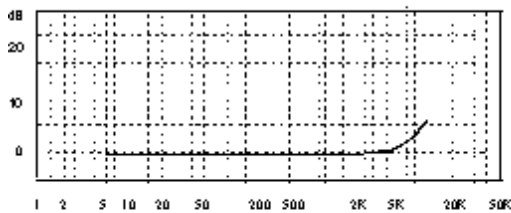
Calibration chart
STYV-1 Low noise cable (2m)



Technical Specifications:



Typical static calibration curve
(3 times average)



Typical frequency response curve

FORCE	
Sensitivity (20±5°C)	4pC/N
Force Range	±1,000N
Overload	120 %
Linearity	<1% F.S
Hysteresis	<1%F·S
Repeatability	<1%F·S
Capacitance	7pF
Resonant Frequency	~55kHz
Operating Temperature Range	-40 ~ +150 °C
ACCELERATION	
Sensitivity (20±5°C)	5pC/ms-2
Transverse Sensitivity	≤5 %
Frequency Response (0.5dB)	1 to 4,000 Hz
Insulation Resistance	>109Ω
Temperature Range Operating	-40 ~ +150 °C
Acceleration Range	±400 g
PHYSICAL CHARACTERISTICS	
Weight	58 g
Case Material	Stainless Steel
Mounting	M5
Sensing Element	Quartz/Force; PZT-5/Acceleration
Connector type	2-L5 (side)