



PS-10XS GEOPHONE MAIN SPECIFICATIONS

OVERVIEW

PS-10XS is a newly developed and update geophone.

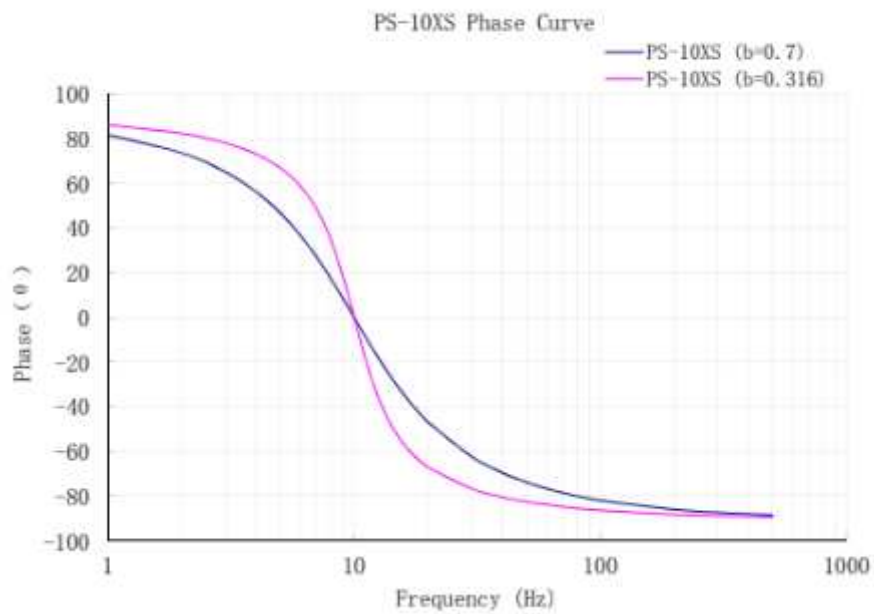
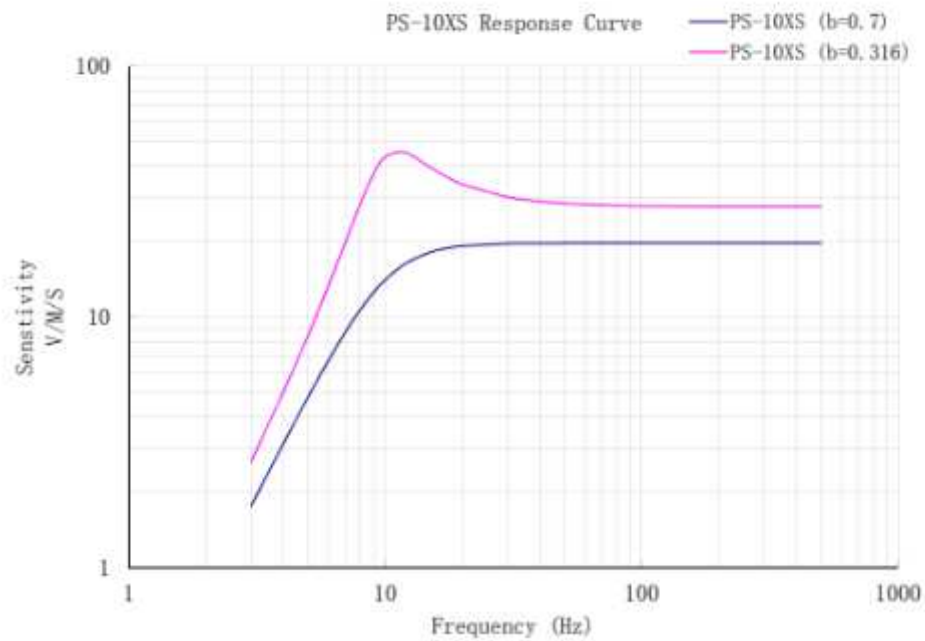
This kind of geophone has bigger tilt: 20 degree.

FEATURES

- Extra tilt: 20 degree for vertical
- High spurious frequency: 250HZ for extend clean band width
- Full compatibility with GS-32CT geophones

GEOPHONE SPECIFICATIONS

PS-10XS	
Parameter/mode	PS-10XS (25°C)
Natural Frequency (Hz)	$10 \pm 2.5 \%$
Coil Resistance (Ω)	$395 \pm 2.5\%$
Sensitivity (V/m/s)	$27.5 \pm 2.5\%$
Sensitivity With Shunt Resistor (V/m/s)	$19.7 \pm 2.5\%$ (1000 Ω)
Open circuit damping	$0.316 \pm 2.5\%$
Damping with Shunt Resistor	$0.70 \pm 2.5\%$ (1000 Ω)
Distortion (%)	≤ 0.1
Spurious Frequency (Hz)	≥ 250
Max. Tilt Angle forDistortion Specification (°)	20
Max. Motion (mm)	1.5
Moving Mass (g)	11.2
Dimensions (dxh) mm	25.4 x 34
Temperature Range (°C)	-40° to 100°C
Warranty Period(Year)	3
Weight (g)	89



CONTACT

Netherlands - The Hague
 Diederik Schrijvers
 Mobile: +31 6 4132 9010
 Email: diederik@vibraphone.nl
 Website: vibraphone.nl

