

Data Sheet of SM-24,10hz Equivalent Geophone

Type	ST-10PN (Equivalent to SM-24,10hz,375Ω)
Natural frequency (Hz)	10±2.5%
Open circuit damping	0.25
Damping with shunt resistance 1339Ω	0.6+5%, -0%
Damping with shunt resistance 1000Ω	0.686 + 5.0%, 0%
Open circuit sensitivity (V/m/s)	28.8±2.5%
Sensitivity with shunt 1339Ω(V/m/s)	22.5±2.5%
Sensitivity with shunt 1000Ω(V/m/s)	20.9± 2.5%
Coil Resistance (ohm)	375±2.5%
Harmonic Distortion (%)	≦0.1
Typical Spurious Frequency (Hz)	> 240
Moving Mass (g)	11.0
Max.coil excursion p-p (mm)	2.0
Max.tilt angle	10°
Element Diameter (mm)	25.4
Element Height (mm)	32.0
Element Weight (g)	74.0
Operating Temperature (°C)	-40℃ to + 100℃
• All parameters specified herein are rated at a temperature 20℃±2℃. • 1-year limited warranty exclusive of high voltage, lightening and physical abuse.	