



### Data Sheet of High Sensitivity Geophone 2Hz

|   |   |
|---|---|
| Type  | ST-2A                                   |
| Natural frequency (Hz)  | 2±15%                                   |
| DC Resistance (ohm)   | 6400 ±10%                               |
| Sensitivity (V/m/s)   | 260±15%                                 |
| Open Circuit Damping  | 0.7±15%                                 |
| Distortion (%)  | ≅0.3                                    |
| Typical spurious Frequency(Hz)  | ≥ 90                                    |
| Moving Mass(g)  | 60.0                                    |
| Max. coil excursion p-p(mm)   | 3.0                                     |
| Allowable Tilt  | 0°                                      |
| Element Diameter (mm)   | 38.0                                    |
| Element Height (mm)   | 47.0                                    |
| Element Weight (g)  | Vertical:264.0g / Horizontal 273.0g     |
| Operating Temperature(°C)   | -40°C to + 100°C                        |
| Working Direction   | Vertical / Horizontal / Three-component |
| <ul style="list-style-type: none"><li>- All parameters specified herein are rated at a temperature 20°C±2°C</li><li>- 1-Year limited Warranty on basic element exclusive of high voltage, lightening or physical abuse.</li></ul> |   |