






Specification Sheet

Micromate Geophones

| | ISEE GEOPHONE | | DIN GEOPHONE | | SWB GEOPHONE | | SWP GEOPHONE | | BOREHOLE GEOPHONES (COUPLED WITH BASE UNITS) | |
|-----------------------------|---|---------------|---|---------------|---|---------------|--|---------------|--|-------------------------------|
| |  | |  | |  | |  | |  | |
| PART NUMBER | 721A2901 | 721A2902 | 721A3301 | 721A3302 | 721A3501 | 721A3502 | 721A3701 | 721A3702 | 721A2401 | 721A2402 |
| RESPONSE STANDARD | ISEE - 2017 | | DIN 45669-1 CLASS 1 | | SS4604866 2011 (SWB) | | SS025211 (SWP) | | <ul style="list-style-type: none"> • ISEE - 2017 • DIN 45669-1 CLASS 1 • SS4604866 2011 (SWB) • SS025211 (SWP) | |
| FREQUENCY RANGE | 2 - 250 Hz | | 1 - 315 Hz | | 5 - 300 Hz | | 2 - 150 Hz | | 2 - 250 Hz (ISEE - 2017) 1 - 315 Hz (DIN 45669-1 CLASS 1) 5 - 300 Hz (SS4604866 2011, SWB) 2 - 150 Hz (SS025211, SWP) | |
| VELOCITY RANGE | Up to 254 mm/s (10 in/s) | | Up to 254 mm/s (10 in/s) | | 1 - 250 mm/s (0.039 - 9.84 in/s) | | 0.1 - 25 mm/s (0.0039 - 0.98 in/s) | | Up to 254 mm/s (All Standards) (10 in/s) | |
| RESOLUTION | 0.00788 mm/s (0.00031 in/s) | | 0.00788 mm/s (0.00031 in/s) | | 0.00788 mm/s (0.00031 in/s) | | 0.000788 mm/s (0.000031 in/s) | | 0.00788 mm/s (All Standards) (0.00031 in/s) | |
| SENSOR DENSITY | 2.1 g/cc (131 lbs/ft ³) | | 2.1 g/cc (131 lbs/ft ³) | | 2.1 g/cc (131 lbs/ft ³) | | 2.1 g/cc (131 lbs/ft ³) | | 1.73 g/cc (All Standards) (108 lbs/ft ³) | |
| CABLE LENGTH | 2 m (6.5 ft) | 5 m (16.4 ft) | 2 m (6.5 ft) | 5 m (16.4 ft) | 2 m (6.5 ft) | 5 m (16.4 ft) | 2 m (6.5 ft) | 5 m (16.4 ft) | 30 m (All Standards) (100 ft) | 75 m (All Standards) (250 ft) |
| MAXIMUM CABLE LENGTH | 1,000 m (3,250 ft) | | 1,000 m (3,250 ft) | | 1,000 m (3,250 ft) | | 1,000 m (3,250 ft) | | 1,000 m (All Standards) (3,280 ft) | |
| REQUIRED SOFTWARE | THOR Compliance | | THOR Compliance | | THOR Compliance | | THOR Compliance | | THOR Compliance (All Standards) | |