






# Specification Sheet

## Micromate® Geophones

	ISEE GEOPHONE		DIN GEOPHONE		SWB GEOPHONE		SWP GEOPHONE		BOREHOLE GEOPHONES (COUPLED WITH BASE UNITS)	
										
<b>PART NUMBER</b>	721A2901	721A2902	721A3301	721A3302	721A3501	721A3502	721A3701	721A3702	721A2401	721A2402
<b>RESPONSE STANDARD</b>	ISEE - 2022		DIN 45669-1 CLASS 1		SS4604866 2011 (SWB)		SS025211 (SWP)		<ul style="list-style-type: none"> <li>• ISEE - 2022</li> <li>• DIN 45669-1 CLASS 1</li> <li>• SS4604866 2011 (SWB)</li> <li>• SS025211 (SWP)</li> </ul>	
<b>FREQUENCY RANGE</b>	2 - 250 Hz		1 - 315 Hz		5 - 300 Hz		2 - 150 Hz		2 - 250 Hz (ISEE - 2022) 1 - 315 Hz (DIN 45669-1 CLASS 1) 5 - 300 Hz (SS4604866 2011, SWB) 2 - 150 Hz (SS025211, SWP)	
<b>VELOCITY RANGE</b>	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 (10 in/s) (All Standards)	
<b>RESOLUTION</b>	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 (0.00031 in/s) (All Standards)	
<b>SENSOR DENSITY</b>	2.1 g/cc (131 lbs/ft³)		2.1 g/cc (131 lbs/ft³)		2.1 g/cc (131 lbs/ft³)		2.1 g/cc (131 lbs/ft³)		1.73 g/cc (108 lbs/ft³) (All Standards)	
<b>CABLE LENGTH</b>	2 m (6.6 ft)	5 m (16.4 ft)	2 m (6.6 ft)	5 m (16.4 ft)	2 m (6.6 ft)	5 m (16.4 ft)	2 m (6.6 ft)	5 m (16.4 ft)	30 m (98.4 ft) (All Standards)	75 m (246.1 ft) (All Standards)
<b>MAXIMUM CABLE LENGTH</b>	1,000 m (3,280 ft)		1,000 m (3,280 ft)		1,000 m (3,280 ft)		1,000 m (3,280 ft)		1,000 m (3,280 ft) (All Standards)	
<b>TEMPERATURE RANGE</b>	-40 to 50 °C (-40 to 122 °F)		-40 to 50 °C (-40 to 122 °F)		-40 to 50 °C (-40 to 122 °F)		-40 to 50 °C (-40 to 122 °F)		-40 to 50 °C (-40 to 122 °F) (All Standards)	
<b>REQUIRED SOFTWARE</b>	THOR Compliance		THOR Compliance		THOR Compliance		THOR Compliance		THOR Compliance (All Standards)	

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