






Specification Sheet

Minimate Pro™ Geophones

	ISEE GEOPHONE		DIN GEOPHONE		DIN/VDV GEOPHONE		BOREHOLE ISEE GEOPHONE	BOREHOLE DIN GEOPHONE
								
PART NUMBER	720A2001	720A2004	720A2002	720A2005	720A2003	720A2006	720A5601	720A5701
RESPONSE STANDARD	ISEE - 2017		DIN 45669-1 CLASS 1		DIN 45669-1 CLASS 1		ISEE - 2017	DIN 45669-1 CLASS 1
FREQUENCY RANGE	2 - 250 Hz		1 - 315 Hz		1 - 80 Hz		2 - 250 Hz	1 - 315 Hz
VELOCITY RANGE	Up to 254 mm/s (10 in/s)		Up to 254 mm/s (10 in/s)		Up to 254 mm/s (10 in/s)		Up to 254 mm/s (10 in/s)	Up to 254 mm/s (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)		0.00788 mm/s (0.00031 in/s)	0.00788 mm/s (0.00031 in/s)
SENSOR DENSITY	2.3 g/cc (144 lbs/ft³)		2.3 g/cc (144 lbs/ft³)		2.3 g/cc (144 lbs/ft³)		1.73 g/cc (108 lbs/ft³)	1.73 g/cc (108 lbs/ft³)
CABLE LENGTH	2 m (6.5 ft)	8 m (26.2ft)	2 m (6.5 ft)	8 m (26.2 ft)	2 m (6.5 ft)	8 m (26.2 ft)	30 m (100 ft)	30 m (100 ft)
MAXIMUM CABLE LENGTH	75 m (250 ft)		1,000 m (3,250 ft)		1,000 m (3,250 ft)		75 m (250 ft)	1,000 m (3,280 ft)
SENSITIVITY	0.0126874 V/mm/s (0.32226 V/in/s)		0.0126874 V/mm/s (0.32226 V/in/s)		0.0126874 V/mm/s (0.32226 V/in/s)		0.0126874 V/mm/s (0.32226 V/in/s)	0.0126874 V/mm/s (0.32226 V/in/s)
TEMPERATURE RANGE	-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)
REQUIRED SOFTWARE	THOR Compliance		THOR Compliance		THOR Compliance/ THOR Advanced (VDV)		THOR Compliance	THOR Compliance

Note: All Minimate Pro4/Pro6 Standard Sensors can operate in Advanced mode and benefit from high sample rates (up to 65,536 S/s) when configured with a THOR Advanced license.

M7065-Minimate Geophone Specifications
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