



An industry favorite.

Time and again, our customers tell us that the MI-6 Multishot is superior to any competing products in their industry. After years of use, it remains their go-to device when they need data they can depend on. When an MI-6 goes out the door, we know we have a happy customer for years to come.

TEN YEARS PROVEN

Reliable and accurate. The MI-6 borehole inclinometer uses data from a miniature triaxial magnetometer and a triaxial accelerometer to determine the instrument orientation in space.

RUGGED AND RELIABLE

Worried about delicate computers at your drill site? The MI-6 tool is operated using the supplied Palm® PDA (e.g., the Meazura™ Palm® which is waterproof to IP67 standards). Ruggedized laptops may also be used.

SIMPLE TO OPERATE

MI-6 tools are very simple to operate. No special training is required and drill crews can operate the units.

INSTANT RESULTS

MI-6 tools are completely digital, meaning that survey results are available immediately upon recovery. Digital data also mean no more data entry errors. Menu-driven software provided with the MI-6 produces data files suitable for loading into spreadsheets and popular data-visualization software.

ANY DIRECTION

MI-6 tools can operate in any orientation: pump them, run them on an overshot, add your own customized sub - it's your choice.

NO MORE CHEMICALS - NO MORE FILMS!

MI-6 tools store your data in non-volatile memory. Even if the batteries run down or you put the unit away for the season, your data are safe.

AN INDUSTRY FIRST: THROUGH-THE-BIT AQ SURVEYS

With a diameter of only 25.4mm, the MI-6 is the first tool to offer omni-directional, digital through-the-bit borehole surveys in AQ® drill rod. The MI-6 can also be used in narrow blasting or geotech holes.

MAGNETIC DIAGNOSTICS

Unlike photographic or mechanical instruments, MI-6 tools give you diagnostic information on the strength and direction of the local magnetic field. These parameters can be used to determine whether the azimuth is trust-worthy - with the old tools, all you could do was trust the number!

SINGLE-SHOT, MULTISHOT, IT'S YOUR CHOICE

Every MI-6 tool can operate in single-shot or multishot. In multishot mode, as many as 7200 data stations can be recorded without any electrical connection to the instrument (batteries are readily-available AA cells). In any mode, you can choose where and how often you want to stop and take readings.

NOTE: Specifications subject to change without prior notice / Spécifications sujettes à changements sans préavis. IrDA® is a registered trademark of the Infrared Data Association®. Palm® is a registered trademark of Palm Inc. Windows® is a registered trademark of Microsoft Corporation. Meazura™ is a trademark of Aceeca International Limited. GYRO SHOT® and HIGH SIDE SEEKER® are registered trademarks of Icefield Tools Corporation. Q® is a registered trademark of Boart Longyear.

MI-6 Multishot - Specs

SENSOR TYPE: INCLINATION	
TYPE:	TRIAXIAL
RANGE:	360° (ANY ORIENTATION)
ACCURACY:	± 0.1°C
SHOCK:	6000G
SENSOR TYPE: MAGNETOMETER	
TYPE:	TRIAXIAL
RANGE:	100 000 nT
ACCURACY:	± 0.5°C
SHOCK:	N/A
SENSOR TYPE: TEMPERATURE	
TYPE:	SOLID STATE
RANGE:	-30°C to +85°C
ACCURACY:	± 1°C
SHOCK:	N/A

MI-6 Multishot - Dimensions

BARE INSTRUMENT	
DIAMETER:	25.4 mm (1.00")
LENGTH:	1.16 m (45.6")
WEIGHT:	1.9 kg (4.2 lbs)
PRESSURE RATING:	300 m (H ₂ O)
IN PRESSURE BARREL	
DIAMETER:	33.4 mm (1.315")
LENGTH:	1.88 m (73.8")
WEIGHT:	8.6 kg (19 lbs)
PRESSURE RATING:	3500 m (H ₂ O)

RUNTIME:	7200 data points (memory limited) or 16 hours at shortest sampling interval
SHOT INTERVAL:	5 seconds minimum
POWER:	6 x AA field-replaceable alkaline batteries
UPGRADES:	Firmware field-upgradeable; no-charge software updates
TEMP. RANGE:	-30°C to +85°C
INTERFACE:	Serial and/or IrDa®

Contact us

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