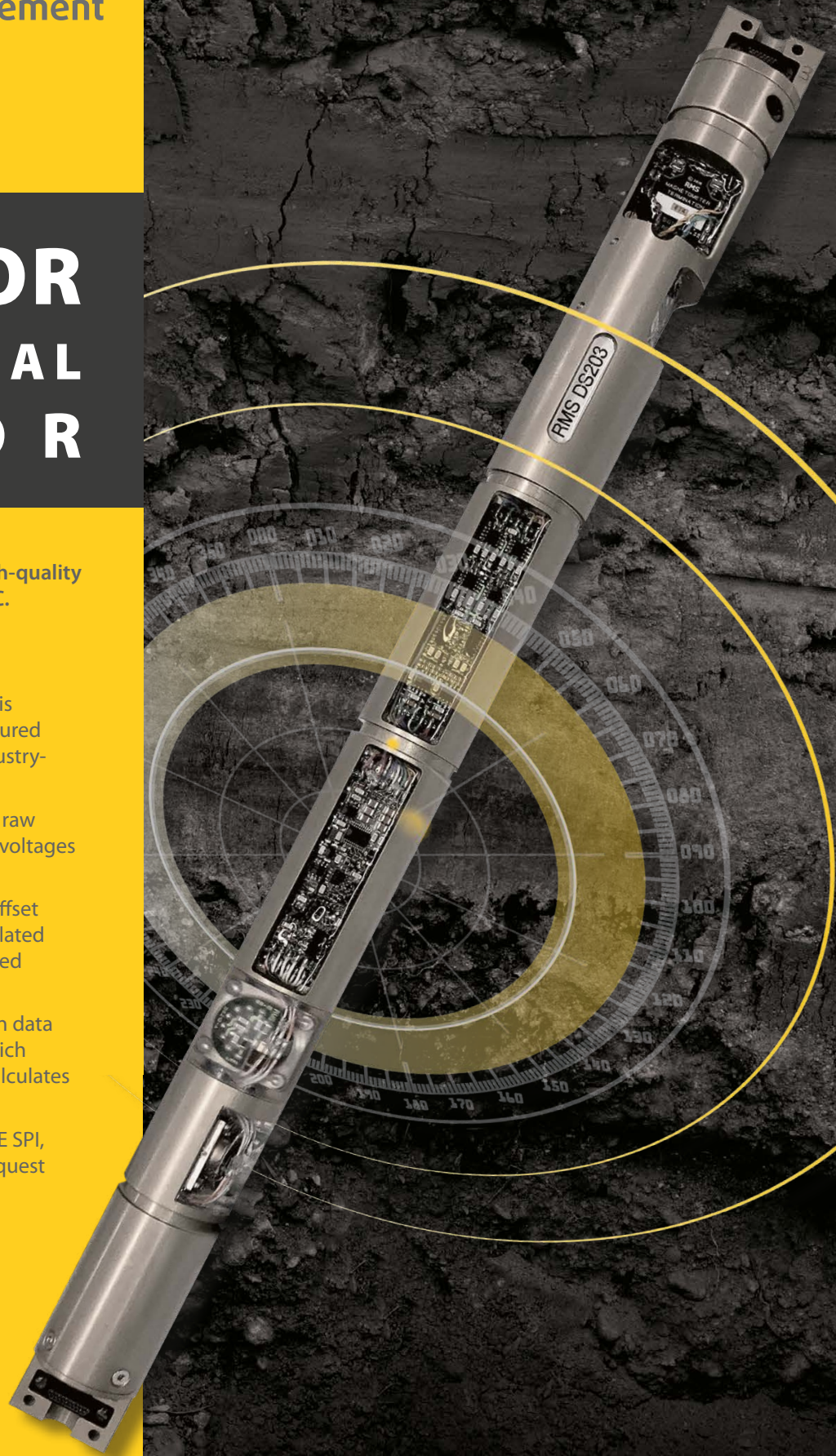


D-SENSOR DIRECTIONAL SENSOR

The RMS D-Sensor provides high-quality surveys at temperatures up to 185°C.

FEATURES

- High-quality surveys based on 4 axis fluxgate magnetometers manufactured in-house and the incorporated industry-renowned JAE accelerometers
- “Static Sensor” design that outputs raw magnetometer and accelerometer voltages (digitally via SPI)
- TFC calibrated and standard bias, offset and misalignment factors are calculated in the calibration program and stored to the onboard EEPROM
- Raw sensor voltages and calibration data read by the 3rd party processor which then applies the corrections and calculates the actual directional readings
- Compatible with Tolteq, Geolink, GE SPI, Vector, Tensor, other systems on request



HIGH-QUALITY SURVEYS



TOOLFACE

Gravity Toolface Accuracy	+/- 0.5 degrees
Magnetic Toolface Accuracy	+/- 1.0 degrees
Range	0 to 360 degrees
Cross Over to High Side	Inclination > 3.0 degrees

ENVIRONMENTAL TEST SPECIFICATIONS

Shock	1,000 g / 0,5 millisecond
Vibration	20 g RMS 30 -300 Hz Random 30 g 50 -300 Hz Sine

TEMPERATURE

Sensor Type	Constant Current Semi -Conductor Device
Sampling Rate	Every Survey (Resistivity Max – 12 sec)
Max Temperature	365 °F [185 °C]
Accuracy	+/- 1.0 °C

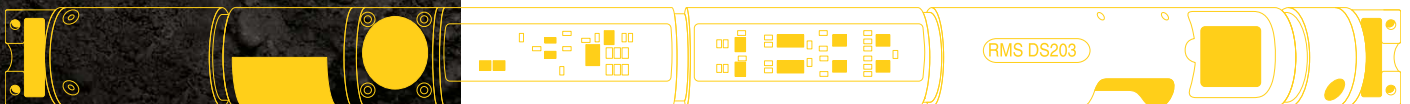
MEASUREMENTS

INCLINATION

AZIMUTH

	INCLINATION	AZIMUTH
Sensor Type	Tensor 3 -axis Accelerometer Package	Tensor 3 -axis Flux Gate Magnetometer Package
Range	0 to 180 degrees	0 to 360 degrees
Accuracy	+/- 0.05 degrees	+/- 0.5 degrees
Repeatability	+/- 0.05 degrees	+/- 0.5 degrees

Imperial UOM [Metric UOM]



Remote Measurement Systems Limited is a subsidiary of NewTech Services Holding Limited, an international oilfield services company founded in 2009.

NewTech Services Holding Limited develops technology and expertise within 4 Business Divisions: Drilling Services, Completion Systems, Integrated Project Management, and Capital Equipment.

NewTech Services Holding Limited supplies technology products and services to the oil and gas exploration and production industry in Russia and CIS, Europe, Middle East, North and South America. Remote Measurement Systems Limited is a subsidiary of NewTech Services Holding Limited specializing in innovative drilling technology products such as MWD/LWD.

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