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QL40-IND Data Sheet

The dual focused induction probe offers two simultaneous conductivity logs, providing both “medium” and “deep” radii of investigation into the formation for enhanced subsurface analysis.



QL40-IND fitted with calibration coil. Image courtesy of Mt Ssopris Instruments.

The **QL40-IND** dual-focused induction probe measures conductivity at two depths, making it ideal for porous, permeable formations where drilling mud creates an invasion zone with distinct electrical properties. It offers high stability and a wide dynamic range, enabling precise measurements in sand-clay layers and water-soaked sands. The probe is versatile, suitable for water-filled, dry, and plastic-cased boreholes. It helps locate permeable zones, identify water salinity, and detect ore bodies in mineral or geotechnical studies. The QL40-IND is also a valuable tool for identifying hydrocarbons and can be stacked with other QL40 probes for comprehensive ground property measurements.

Operating Conditions

W - Water ?
M - Mud ?
D- Dry ?

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S - Steel
P - PVC Borehole ?
UC- Uncased ?

*Centralization is not required

Product Dimensions

Physical	Dimensions (L x W x H)	Weight
(instrument only)	192.5cm x 4.5cm x 4.5cm	7kg

Technical Specifications

Pressure Rating:	200 Bar (3000 PSI)
Operating Temperature:	Up to 70ºC.
Power:	Min 80VDC, Max 160VDC.
Frequency:	100kHz.
Sensor:	50cm and 80 cm dipole separation.
Range:	1-3000 mS/m.
Accuracy:	< 3% F.S
Stability:	< 0.5 mS/10ºC.

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