



QL 40 – MagSus

The QL40-MagSus is a stackable Magnetic Susceptibility probe, which can be run as stand alone tool or in a string with other Quick Link (QL) logging tools as in-line module. A current is induced by an oscillating magnetic field in the probe within a toroidal zone of the formation at some radial distance from the probe coils. The oscillating current produces a secondary field that is detected by the receiver coils. The “in-phase” signal is a measure of susceptibility in formations with magnetic properties.

The QL40-MagSus communicates with the surface system (MATRIX or ALTLogger) in full digital mode.

The quality of the tool corresponds to highest ALT standards for a long life time.

Technical Specifications:

Sensor:

Bartington – 1.5 kHz Focused Dual Coil

Measurement Range:

10^{-5} to 1 CGS (resolution 5×10^{-6} CGS)

Operation Temperature:

0 – 120°C (32 – 248°F)

Operation Pressure (max):

700 bar (10152 psi)

Tool Diameter:

43 mm (1.7")

Tool Length:

1.4 m (56")

Tool Weight:

6.1 kg (13 lbs)