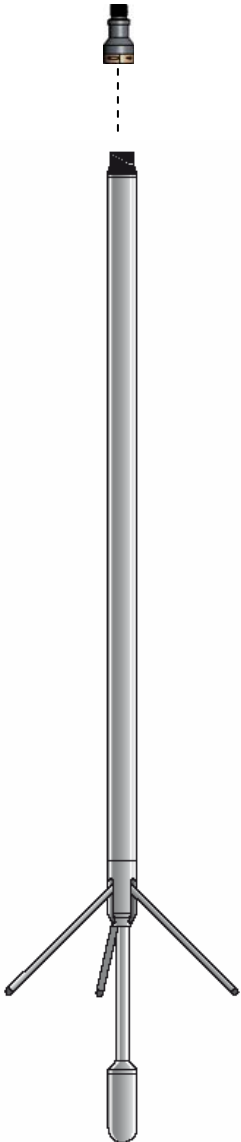




Instruments and Software for the borehole logging industry

QL 40 – 3 Arm Caliper



The QL40 – 3 Arm Caliper probe provides a single continuous log of borehole diameter as determined by three mechanically coupled arms in contact with the borehole wall. The standard caliper range (50 – 406 mm) can be increased using extension arms (max 736 mm) supplied with the probe.

The caliper is a useful first log to determine borehole condition before running other probes.

Opening and closing of the caliper arms is under surface control, allowing the probe to be run into the borehole with the arms retracted. Once opened, at the start of logging, the spring-loaded arms respond to borehole diameter variations as the probe is up the borehole.

The 3 Arm Caliper probe communicates with the surface system (MATRIX or ALTLogger) in full digital mode.

Technical Specifications:

Sensor:

Microprocessor controlled potentiometer

Measurement Range / Sensitivity:

50 – 406 (max 736 mm) (+/- 0.5 mm)

Operation Temperature:

0 – 70°C (32 – 158°F)

Operation Pressure (max):

150 bar (2175 psi)

Tool Diameter:

39 mm (1.5")

Tool Length:

1.59 m (63")

Tool Weight:

7.3 kg (16 lbs)