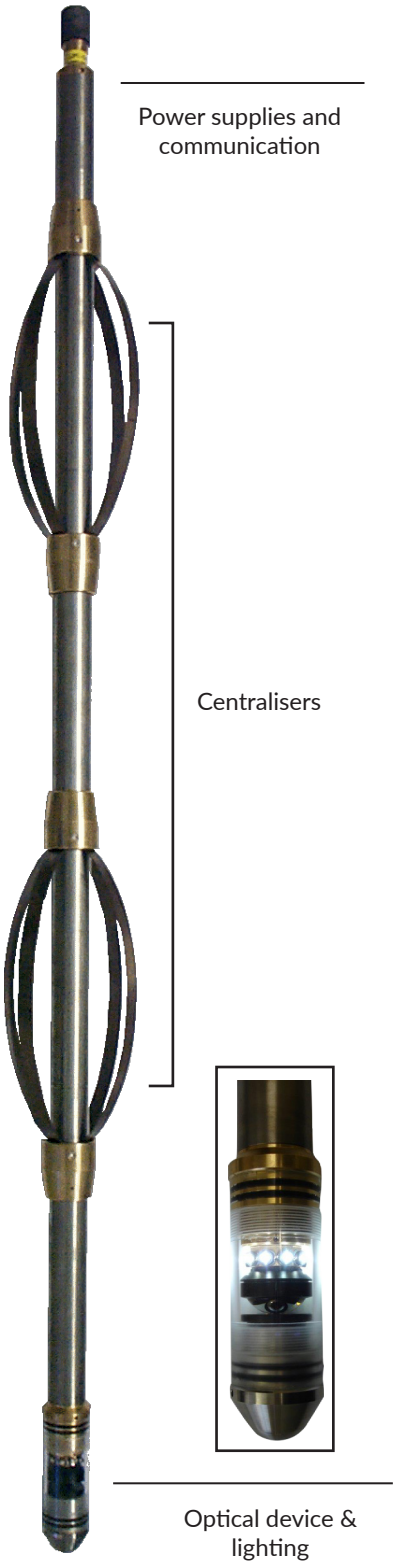


A precision wide angle lens and a CMOS camera assembly permits a high definition video image of the borehole wall to be captured in a variety of horizontal and vertical resolutions. The resulting image is digitised in the sonde and combined with the orientation data for transmission to the surface.
The orientated, unrolled image log, whether as a standalone product or when forming the basis of a detailed structural interpretation, proves immensely useful in a wide variety of applications. These include core orientation, fracture detection and analysis, bedding dip and direction, lithological characterisation.

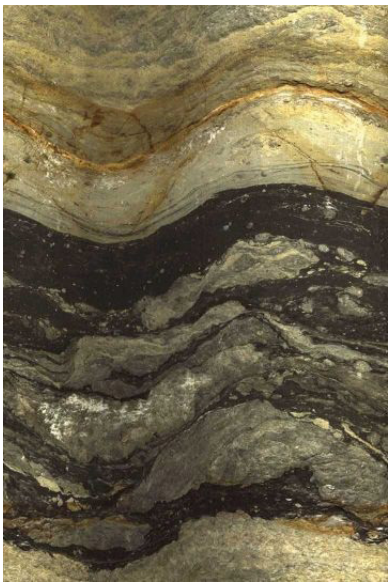
SPECIFICATIONS :

- Diameter : 52 mm
- Length : 1630 mm
- Weight : 6.70 Kg
- Max. Temp / Pressure : 100 Bar/60°C + 200 Bar/60°C kit in option (the probe diameter changes to 62mm)
- Camera sensor : 1280 x 1024 pixels CMOS on board digitalisation
- Picture format : 24 bit RGB
- Horizontal definition : 360/540/720/900/1080/1260/1440 pixels
- Vertical definition : unlimited (defined to logging speed)
- Orientation : triple magnetometers / accelerometers
- Orientation accuracy : +/-0.5° dipping ; +/-1° azimuth

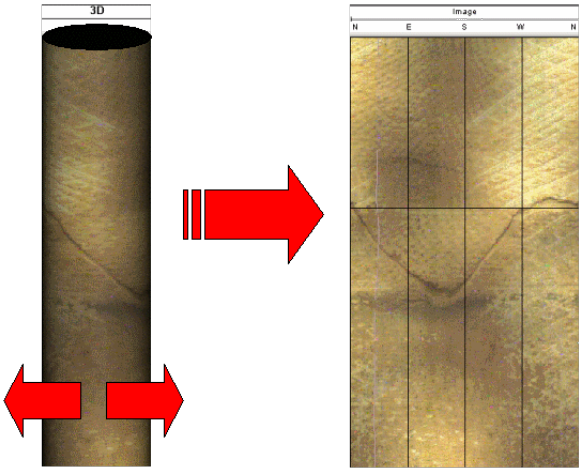
OPTIONS ACCESSORIES :

- Gamma ray sensor
- Verticality calibrator, bowspring centralisers, centraliser collar supplementary sinker weight, transport case

Examples



- Thin shale layers



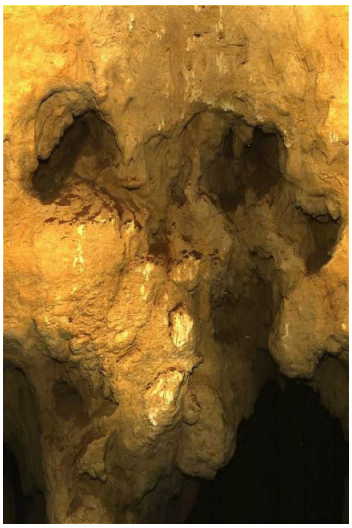
- Image display

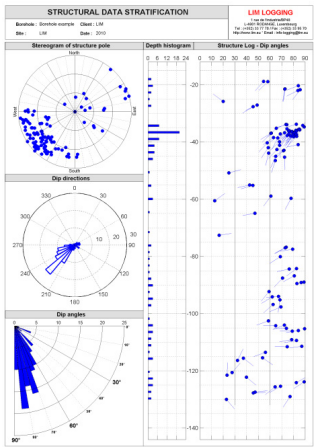
- Leaking joint in Complex geological PVC casing

Borehole conditions

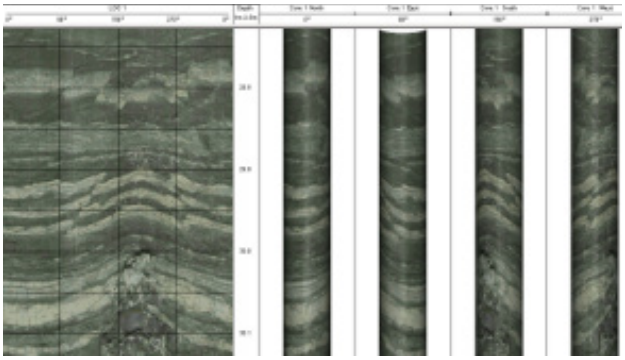
- dry or clear water filled
- any borehole orientation
- non-magnetic environment for true image orientation
- any drilling method
- tool run centralised

- Karstic cavities





- Structural data analysis



- Digital core presentation