



The **WQP48** probe provides precise readings of the principal fluid parameters of interest in a hydrogeological or environmental context (see list below).

A calibration interface cable, standard solutions and maintenance kit are provided with the probe to ensure performance remains within specifications. The probe calibration routines can be accessed without removing the pressure housing.

Several optional sensors are available, one of which can be factory-installed on the probe if required. These sensors are, however, limited to fresh water operation at pressures not exceeding 100 bar.

Centralisers are recommended so as to avoid that the sensor cage comes into contact with the borehole wall.

Specifications

- ✓ Diam.(sensor cage/tool body): 48 mm / 42 mm
- ✓ Length: 1670 mm
- ✓ Weight: 7.5 kg
- ✓ Max. operating temperature: 70°C
- ✓ Max. operating pressure: 150 bar

Data / sensor parameters

- ✓ Pressure range/resolution: 1500 dbar / 0.03 dbar
- ✓ Temperature range/resolution: -1 to 50°C / 0.001°C
- ✓ Conductivity range/resolution: 0 to 70mS/cm/0.001mS/cm
- ✓ Dissolved O₂ range/resolution: 0 to 50ppm / 0.01ppm
- ✓ pH range/ resolution: 0 to 14 pH / 0.001 pH
- ✓ Redox pot. range/resolution: ± 1000 mV / 0.1 mV

Accessories / options

- ✓ Additional sensors available: Nitrate, Ammonia, Chloride Sulphide, Iodide, Copper
- ✓ Bowspring centralisers

Borehole conditions

- ✓ Fluid-filled borehole
- ✓ Open or cased borehole