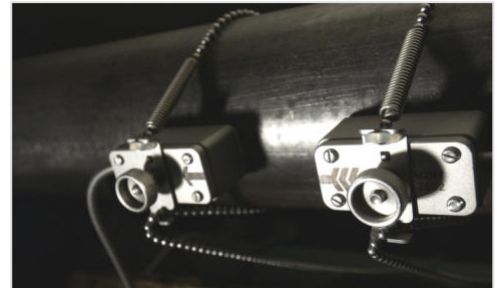


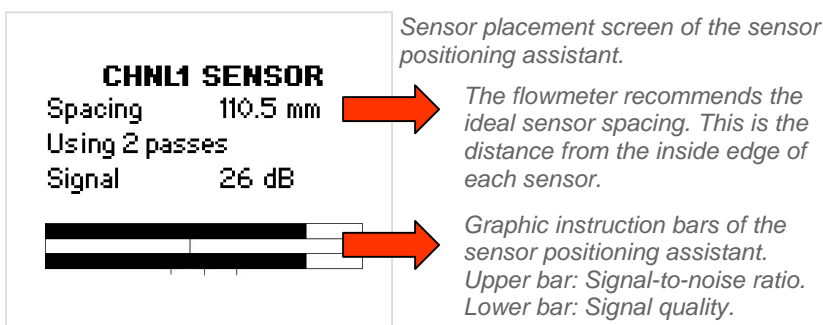
The Katronic KATflow 200, 230 and 150 ultrasonic clamp-on flowmeters are equipped with the unique *Audible Sensor Positioning Assistant™* making correct sensor installation easier than ever before.

Introduction

Katronic have equipped every model of their ultrasonic clamp-on flowmeters with the *Audible Sensor Positioning Assistant™*, an unique product innovation which makes correct sensor installation simple and quick. The assistant indicates the correct position of the sensors during the installation on the pipe using acoustic signals and graphic instructions. In combination with the intuitive instrument setup wizard, this technology enables even inexperienced users to install the sensors and carry out measurements within a matter of minutes.



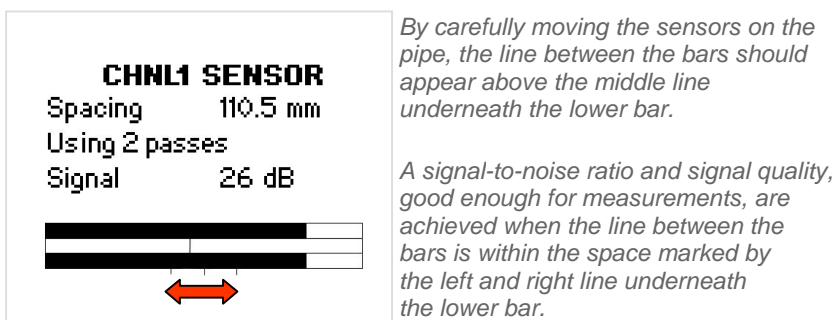
Ultrasonic flow sensors strapped on the pipe surface using chains and clips. Finding the correct distance between the sensors is now made even easier.



The upper bar indicates the signal-to-noise ratio. The more the bar is filled out towards the right, the higher is the content of usable signal.

The lower bar indicates the quality of the received signal. It therefore gives information about how well the signal can be used to carry out measurements.

Ideally, both bars should be filled up to the same length and as far to the right as possible. This guarantees a high content of usable signal and high signal quality.



To reach an ideal sensor position, the following information can be taken from the display: If the line between the bars is at the left-hand side of the lower middle line, the sensors are too close to each other. If the line between the bars is at the right of the lower middle line, the sensors are too far apart.



The Audible Sensor Positioning Assistant is not only available for the KATflow 200 (see above) and KATflow 230 portable models but also for the KATflow 150 flowmeter for fixed installation.

This makes commissioning quick and straightforward even for flowmeters for permanent installation.



During the sensor alignment process the KATflow flowmeters give the user acoustic signals.

When the correct position is reached the signals stop and the flowmeter can begin with the measurement.