

External temperature sensor

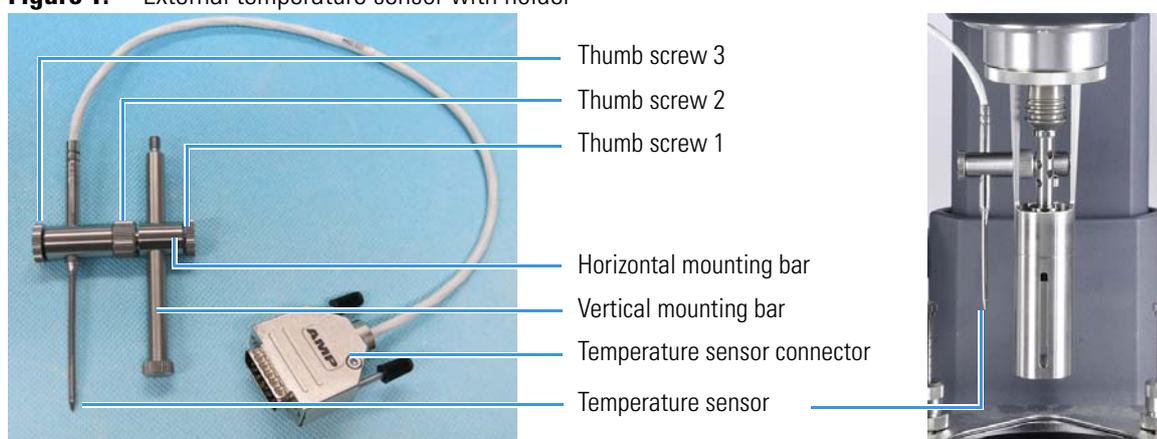
This document describes how to mount the external temperature sensor on a HAAKE™ Viscotester™ iQ rheometer.

Mounting

To be able to measure the sample temperature in case no TM-xx-x module is used, for example when the universal container holder or the immersion tube is used, an external temperature sensor can be connected to the socket for the temperature module connection on the back of the instrument head.

A special holder for mounting the external temperature sensor to the instrument head, which is mainly designed to be used with the immersion tube or the universal container holder, is available.

Figure 1. External temperature sensor with holder



❖ To mount the sample temperature sensor with holder

1. Screw the vertical holder bar into the threaded hole on the bottom of the instrument head.
2. Adjust the height of the horizontal bar holder by loosening the thumb screw 1 and sliding the horizontal bar along the vertical bar.
3. Tighten the thumb screw 1.
4. Regulate the inclination of the temperature sensor by loosening the thumb screw 2 and rotating the outer part of the vertical bar.
5. Tighten the thumb screw 2.
6. Adjust the vertical position of the temperature sensor by loosening the thumb screw 3.
7. Tighten the thumb screw 3.
8. Connect the temperature sensor connector to the socket for temperature module connections on the back of the instrument head.