

Q-Sense High Temperature Chamber



● **Q-Sense High Temperature Chamber, QHTC 101**, allows for measurements to be performed at an extended temperature interval. This stand alone chamber is compatible with the Q-Sense E-series and includes a Flow Module 401. It allows for measurements both under flow and stagnant conditions.

In room temperature (RT), the working temperature of the chamber is RT + 60 °C (i.e. at a RT of 20 °C it is possible to reach 80 °C). By placing the chamber on an external cooling device or a laboratory hot plate, working temperatures between 4 and 150 °C can be used.

Complementary Products: Q-Sense offers a laboratory hot plate from Stuart Scientific, model SD300, ESA 011, which is compatible with the QHTC 101. Additionally, Q-Sense offers a sample heater from Grant, ESA 003.

Please Note the following:

In high temperature measurements in general the frequency (and to some extent the Dissipation) varies more at higher temperatures than at RT. Additionally, heating of the sample inside the chamber increases the risk of gas development which may influence the reproducibility of the results. Hence, pre-heating of samples as well as degassing, if applicable, is desired. ● ● ●

● SPECIFICATIONS: QHTC 101

Temperature range	Ambient + 60 °C, i.e. 80 °C in normal RT.
Temperature range with cooling device/ laboratory hot plate	4 - 150 °C
Materials exposed to liquid	Viton (o-ring and gasket), titanium
Dimensions	Height: 80 mm; Width: 90 mm; Depth: 110 mm; Weight: 2kg
Includes	QFM 401 (see separate product sheet)

Specifications may be subject to change without notice

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