

The HIGHLIGHTS

A robust, easy to use high temperature TGA & STA system with plug and play detectors that can be used for high precision TGA, TG-DTA and TG-DSC measurements up to 1600 °C for the precise characterization of high temperature materials. The optional Cp rod, together with the high precision software also allows for the determination of Cp with accuracy of 2% for the first time on a routine instrument.

LABSYS

EVO

TGA, DTA, DSC and Simultaneous
TGA-DTA, TGA-DSC

Specifications

Temperature range	Ambient to 1 600 °C
Programmable temperature scanning rate (heating and cooling)	0.01 to 100 °C.min ⁻¹
Maximum balance capacity	20 g
Auto Sampler	30 samples and 6 references 4-prong gripper
Vacuum	< 10 ⁻¹ mbar
Evolved gas	simultaneous MS, FTIR couplings (option)
Gases	<ul style="list-style-type: none"> • Two inlets for gas scanning (inert or reactive) or • 3 carrier gases (option) (MFC from 4 to 200 ml/min) + 1 auxiliary or reactive gas (MFC from 0.3 to 16 ml/min)*
CALISTO software	

SENSOR RODS



DSC plate rod

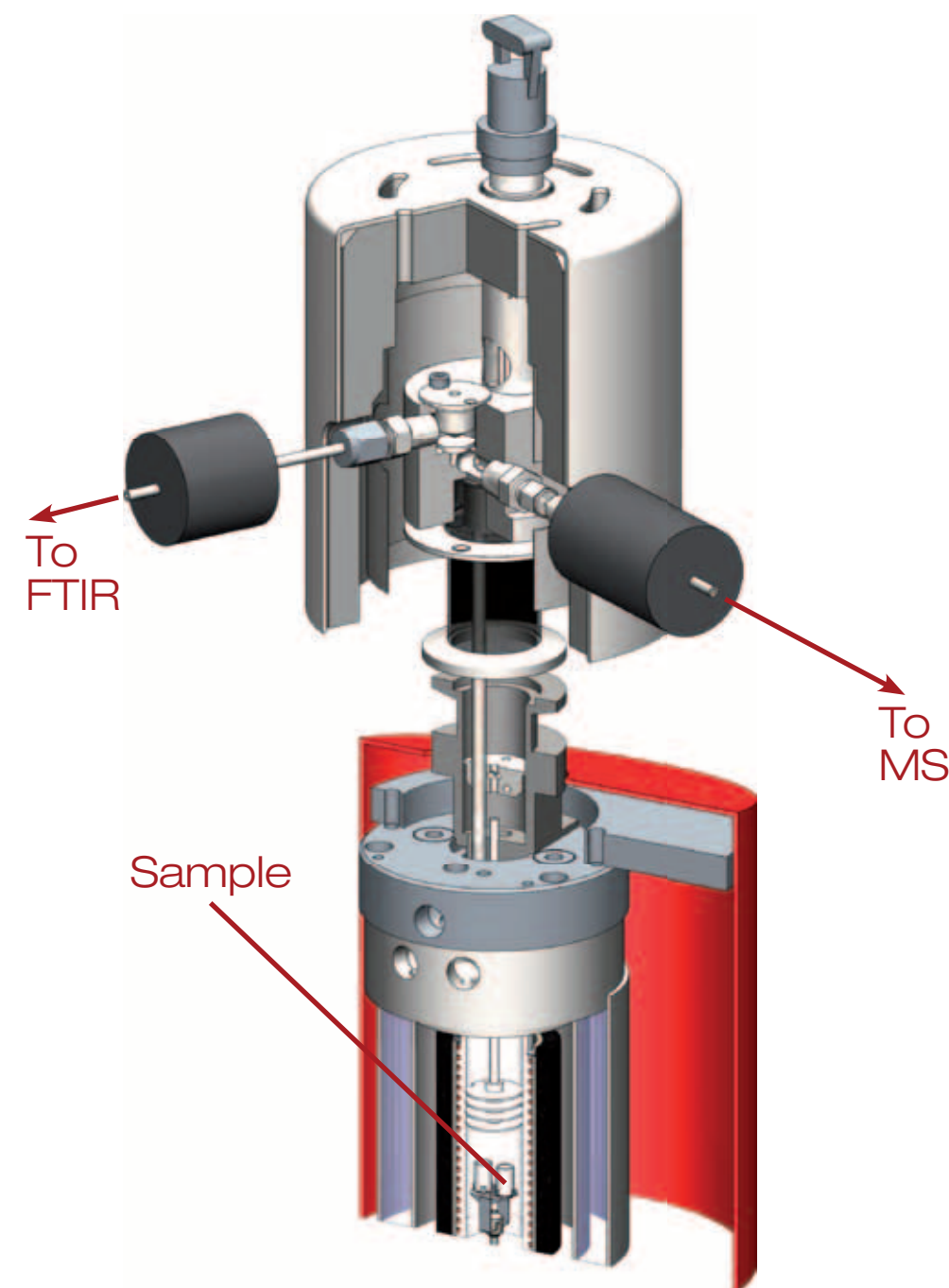
DTA rod

TGA rod

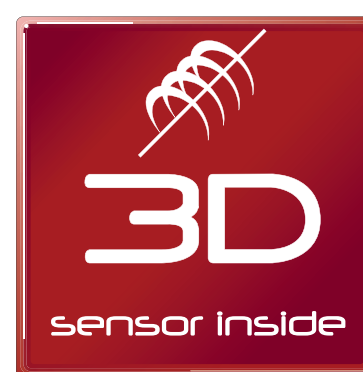
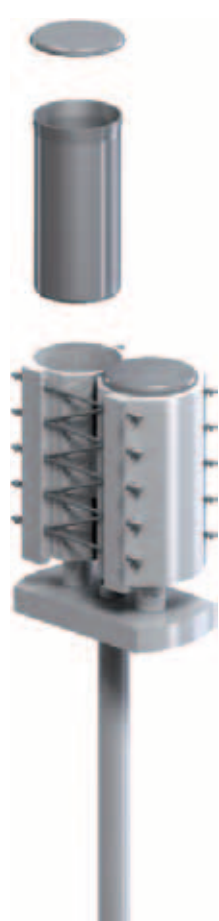
AUTO SAMPLER



COUPLING



3D Cp ROD



From ambient
to 1 600 °C

