

STA 449 + <i>H<sub>2</sub>Secure</i> Box	
Furnace type supporting H <sub>2</sub> measurements	SiC
Temperature range	RT to 1600°C
Sensor types*	<ul style="list-style-type: none"> <li>■ TGA</li> <li>■ TGA-DTA</li> <li>■ TGA-DSC</li> </ul>
Thermocouple types*	<ul style="list-style-type: none"> <li>■ P</li> <li>■ S</li> <li>■ B</li> </ul>
Sensor type for reduction experiments only	W
Optional 4-fold MFC	Possible switching between hydrogen and air atmospheres in one measurement
Hydrogen supply	Supplied by the operator, e.g., hydrogen generator, H <sub>2</sub> cylinder
H <sub>2</sub> and O <sub>2</sub> measuring cell	Included
<i>H<sub>2</sub>Secure</i> box	Included
Optional gas outlet treatment	H <sub>2</sub> dilution
Upgrade of existing STA 449	✓

\* Possibility of reduced life time depending on experimental parameters