

STA 509 Jupiter® + H ₂ Secure Box, STA 449 Jupiter® + H ₂ Secure Box	
Furnace type supporting H ₂ measurements	SiC
Temperature range	RT to 1600°C
Sensor types*	<ul style="list-style-type: none"> ■ TGA ■ TGA-DTA ■ TGA-DSC
Thermocouple types*	<ul style="list-style-type: none"> ■ P ■ S ■ B
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 ₂ cylinder
H ₂ and O ₂ measuring cell	Included
H ₂ Secure box	Included
Optional gas outlet treatment	H ₂ dilution
Upgrade of existing STA 449	✓

* Possibility of reduced life time depending on experimental parameters



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