



ACS Material Equipment Series

InSitu Pro™

AH200-Mini/AH600S/AH800S

- | |
|-----------------------------|
| I. Product Composition |
| II. Product Features |
| III. Product Specifications |

Contact Information:

ACS Material, LLC

Address: 959 E Walnut St., Suite 100

Pasadena, CA 91106, USA

Phone: (866) 227-0656

Fax: (781) 518-0284

E-Mail: contact@acsmaterial.com

Revision: 071525

I. Product Composition

1) Main Unit

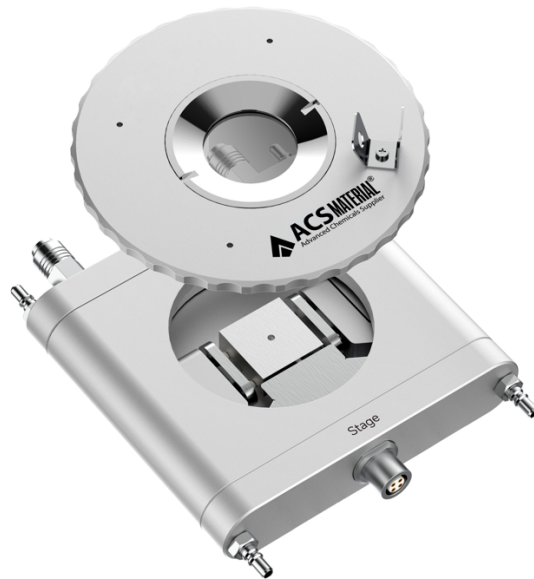


Photo of AH600S/AH800S

II. Product Features

InSitu Pro™ AH200-Mini, AH600S, and AH800S are designed for studying the temperature-dependent optical performance of samples. It can characterize the changes in the optical properties of samples with temperature.

H200-Mini has a temperature range of RT to 200 °C with temperature stability of ± 0.1 °C. It features a chamberless design with a compact and mini size for easy operation.

H800S has a temperature range of RT to 800 °C, with temperature stability of ± 0.1 °C. Its sample stage supports reflection/transmission options; twist-off top cover allows convenient sample loading and removal.

The provided Labview Vis/C# SDK allows customers to perform customized programming.

III. Product Specifications

InSitu Pro™ Optical Heating Stage			
Model #	AH200-Mini	AH600S	AH800S
SKU#	EIAH20MI	EIAH600S	EIAH800S
Heating/ Cooling Method	Resistive Heating		
Temperature Range	RT~200° C	RT~600° C	RT~800° C
Temperature Stability	±0.1°C		
Temperature Control Rate	Maximum heating rate: 150 °C/min; Natural cooling		
Sample Stage	Copper φ20 x 4 mm	Silver; 23 x 23 mm	Stainless Steel; 23 x 23 mm
Optical Path	Reflective	Reflection/Transmission (φ2 mm light-transmitting hole)	
Top Window Size	-	φ25 x 1 mm	
Bottom Window Size	-	φ10 × 1 mm (optional for transmission optical path)	
Window Material	-	quartz glass (transmission wavelength range: 220 nm–2500 nm), manually removable and replaceable	

Dist. From Top Window to Sample Stage Surface	-	4.5 mm
Chamber Height	-	3.5 mm
Chamber	Open Chamber	Air
Dimensions	40 x 40 x 12 mm	91 x 97 x 24 mm
New Weight	0.2kg	0.4kg
Basic Configuration	1 x main unit, 1 x temperature controller, 1 x water circulation system, 1 x software	

Disclaimer: ACS Material, LLC believes that the information in this Technical Data Sheet is accurate and represents the best and most current information available to us. ACS Material makes no representations or warranties either express or implied, regarding the suitability of the material for any purpose or the accuracy of the information contained within this document. Accordingly, ACS Material will not be responsible for damages resulting from use of or reliance upon this information.