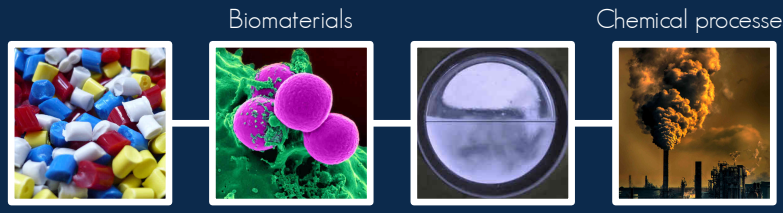
High Temperature Golden Gate ATR
with the USB Temperature Controller

The High Temperature Golden Gate® is a 45° single reflection diamond ATR accessory which is capable of analysis at temperatures up to 300 °C. It is suitable for analysis of polymers above their glass transition temperatures and other temperature-ramping experiments.

Key Features

- Robust brazed monolithic diamond ATR
- In-built heater with thermal cut-off to prevent overheating and PEEK insulating material
- Space saving USB controller and PC based control software
- Available as a stand-alone accessory or as an upgrade to a standard Golden Gate® ATR

Applications



Polymers & adhesives | Biomaterials | Carbon capture media | Chemical processes

Specifications

- Robust brazed monolithic diamond ATR
- In-built heater with thermal cut-off to prevent overheating and PEEK insulating material
- Space saving USB controller and PC based control software
- Available as a stand-alone accessory or as an upgrade to a standard Golden Gate® ATR

USB Temperature Controller

The High Temperature Golden Gate® is controlled by a USB connected controller operated through a software interface. The software is free to download on the Specac website.

- PC Control of accessory temperature
- Graphical display of temperature
- Datalogging temperature to file
- Temperature sequence programming
- Windows 7, 8 & 10 compatible

Ordering Information

GS10642 High Temperature Diamond Golden Gate®

Includes: Golden Gate® ATR accessory with High Temperature top plate, USB temperature controller, and Benchmark™ Baseplate.

GS10640 High Temperature Diamond Top-plate upgrade for Golden Gate®

Includes: High Temperature top plate, USB temperature controller.

Please specify spectrometer make and model and a choice of ZnSe or KRS-5 lenses, and country of use for power adaptor requires.

UK: 01689 892902 | www.specac.com | US: +1 866 726 1126