

Gas Analysis
Application Note AN-10006.5

TA-MS

Connecting to TGA and Furnace Reactors

An extensive range of standard and customised TGA interface are offered to provide coupling for evolved gas analysis from TGA systems, providing real time TG-MS data.

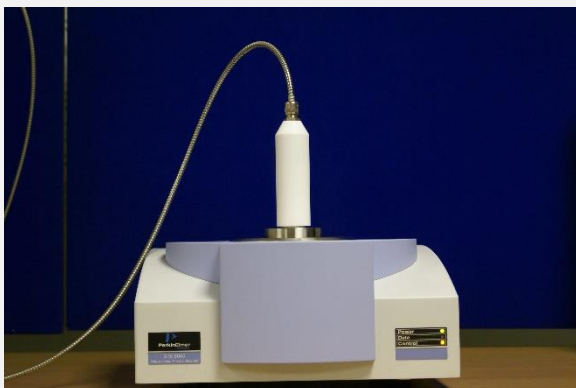
The TGA interface includes re-entrant furnace sampling, providing close coupling to the TGA furnace region for optimized evolved gas/vapour analysis. This application note includes details of a selection of standard TGA interfaces available, if your model is not shown please contact Hidden Analytical for further details.

Interfaces for PerkinElmer Instruments

TGA Interface for PerkinElmer Pyris 6 / STA 6000 / TGA 4000

Custom designed hot-zone inlet for the PerkinElmer Pyris 6 TGA, STA 6000 or TGA 4000 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303585



TGA Interface for PerkinElmer Pyris 1 TGA

Custom designed hot-zone inlet for the PerkinElmer Pyris 1 TGA system. Includes optimised 'hot-zone' sampling connection.

Type 303580

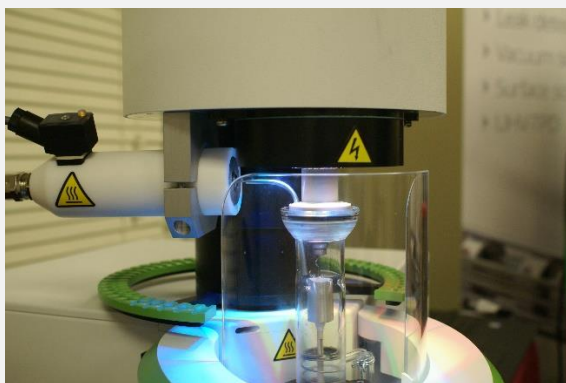
Requires PerkinElmer evolved gas analysis reactor tube with side arm – not included.



TGA Interface for PerkinElmer TGA 8000

Custom designed hot-zone inlet for the PerkinElmer TGA 8000 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303597



TGA Interface for PerkinElmer STA 8000

Custom designed hot-zone inlet for the PerkinElmer STA 8000 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303596

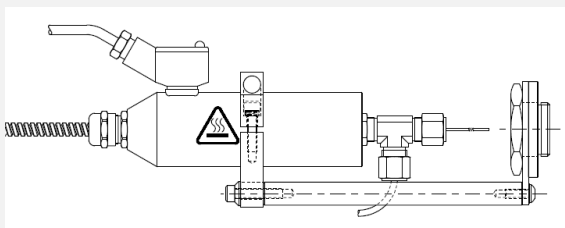
Requires the furnace baffle from STA 8000 furnace cover flange to be switched to the MS interface cover flange.



TGA Interface for PerkinElmer Diamond TGA

Custom designed hot-zone inlet for the PerkinElmer Diamond TGA system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303581



Interfaces for Mettler Toledo Instruments

TGA Interface for Mettler Toledo 851

Custom designed hot-zone inlet for the Mettler Toledo 851 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303586



TGA Interface for Mettler Toledo TGA/DSC 1/2/3+

Custom designed hot-zone inlet for the Mettler Toledo TGA/DSC 1, 2 or 3+ system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303579



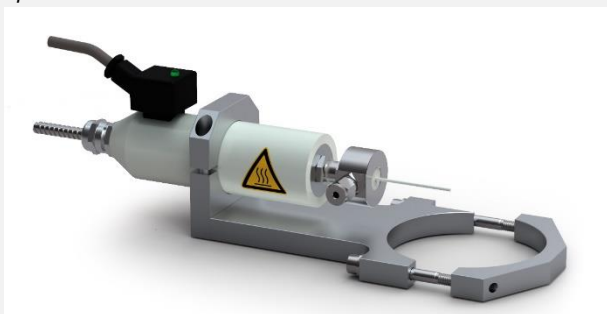
Interfaces for TA Instruments

TGA Interface for TA Instruments Q500

Custom designed hot-zone inlet for the TA Instruments Q500 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303582

Requires TA Instruments evolved gas analysis furnace option – not included.



TGA Interface for TA Instruments Q600

Custom designed hot-zone inlet for the TA Instruments Q600 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303583



TGA Interface for TA Instruments Discovery / Q5000IR

Custom designed hot-zone inlet for the TA Instruments Discovery or Q5000IR system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303590

Requires TA Instruments optional heated side arm for evolved gas analysis – not included.



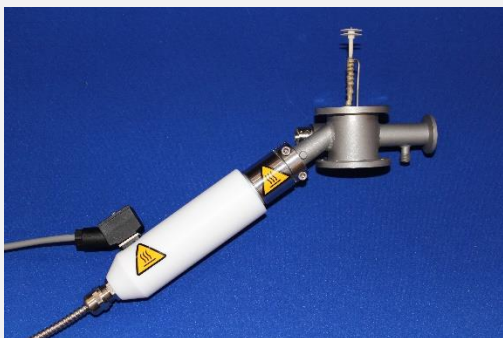
Interfaces for Setaram Instruments

TGA Interface for Setaram SETSYS Evolution

Custom designed hot-zone inlet for the Setaram SETSYS Evolution system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303589

Requires Setaram optional furnace sampling option S60/56390 – not included.



TGA Interface for Setaram TAG

Custom designed hot-zone inlet for the Setaram TAG system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303600

TGA Interface for Setaram LABSYS evo

Custom designed hot-zone inlet for the Setaram LABSYS evo system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303594



Interfaces for Netzsch Instruments

TGA Interface for Netzsch 449C, F1, F3 & F5

Custom designed hot-zone inlet for the Netzsch 449C, F1, F3 & F5 systems. Includes optimised 'hot-zone' sampling connection.

Type 303588



TGA Interface for Netzsch 209

Custom designed hot-zone inlet for the Netzsch 209 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303593

Other Interfaces

TGA Interface for Shimadzu DTG-60H

Custom designed hot-zone inlet for the Shimadzu DTG-60H system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303599

TGA Interface for Hitachi STA 7000

Custom designed hot-zone inlet for the Hitachi STA 7000 system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303598

TGA Interface for Micromeritics Autochem

Custom designed hot-zone inlet for the Micromeritics Autochem system. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303587



Custom designed TGA interface

Custom designed TGA interface. Includes optimised 'hot-zone' sampling connection and heated filter assembly.

Type 303584

