



# QIC Series Gas Analysers

Pressure & Temperature Sampling Options

realtime gas analysis systems



# Hidden QIC Sampling Options



## Standard QIC Inlet

- Sample pressure range 2 bar to 100 mbar
- Fast 300 ms sampling response
- Sample consumption rates from 1 to 20 ml/min
- Operates to 200°C
- Capillary length: 1.8 m
- Corrosion resistant option available
- Swagelok 1/16" or 1/8" connection

Fast response 0.9 m capillary also available, with sample consumption rates from 1 to 40 ml/min.



## QIC HT250 Inlet

- Heated to 250°C
- Sample pressure range 2 bar to 100 mbar
- Sample consumption rates from 1 to 20 ml/min
- Capillary length: 1.8 m
- Corrosion resistant option available
- Swagelok 1/16" or 1/8" connection
- Interchangeable with standard QIC Inlet



## Low Pressure Stainless Steel Capillary

- Sample pressure range 250 to 25 mbar
- Operates to 200°C
- Capillary length: 0.9 m
- All stainless steel assembly
- Corrosion resistant option available
- Swagelok 1/16" or 1/8" connection
- Interchangeable with regular capillary in standard QIC systems



## Very Low Pressure Sampling Inlet

- Sample pressure range 10 to 1 mbar
- Heated to 120°C
- Capillary length: 0.3 m
- Swagelok 1/8" connection

## HT/HP Gas Sampler

The HT/HP Gas Sampler is a special interface designed to connect to a standard QIC capillary and enable high pressure sampling. The sampler is heated to 200°C to prevent condensation, and allows the user to sample at pressures up to 30 barg.

- Sample pressure range 0.1 to 30 barg
- Connects to standard QIC Inlet
- Heated to 200°C
- Normal flow 400 ml/min



## QIC Capillary Heated Extension

- Available as an upgrade to standard QIC systems. Extends the length of the capillary.
- Heated to 150°C
- Standard extension is 2 m. Other lengths (4 m, 6 m) available on request.



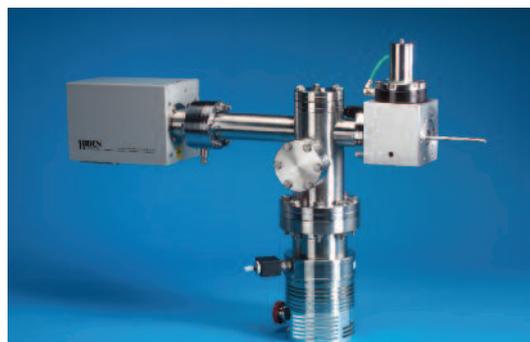
## TGA Interface for Evolved Gas Analysis

Standard and custom-designed direct hot-zone sampling interfaces for a range of TA/TGA systems.



## HPR-30 Vacuum Process Sampling System

For direct analysis of vacuum processes through the pressure range 1 mbar to 10<sup>-4</sup> mbar.



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It is Hiden Analytical's policy to continually improve product performance and therefore specifications are subject to change.

TECHNICAL DATA SHEET 169