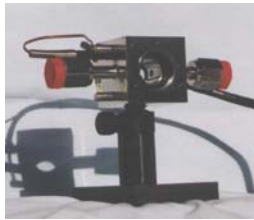


# Scout-EN Gas Cell for Short Path Transmission Measurements



10 cm heated cell



2 cm unheated cell w /"cube"

## Applications

- Monitoring of air pollutants
- Toxic and corrosive gases
- Process stream measurements
- Vacuum and high pressure environments
- Batch or flow samples
- Concentrations of pph to ppm

## Standard Specifications

- Nickel plated stainless steel 10-cm gas cell for toxic and corrosive gas analyses; heated and unheated versions.
- 28 ml volume for 10-cm pathlength
- 2, 5, 10, 15, 20 cm pathlengths available
- 316L stainless steel body with nickel plating for durability, high pressure loadings, wide chemical compatibility, simplified cleaning and effective heating
- Viton™, or Kalrez™ O-rings for chemical resistance and temperature considerations
- AgBr, KBr, CaF<sub>2</sub>, ZnSe, quartz, or sapphire window materials for UV-VIS and NIR applications
- Integral stainless steel VCR fittings
- Evacuatable and pressurizable: 10<sup>-4</sup> Torr to 150 psig
- Heatable to 300° C with heating mantle, tape, or dual bands
- Optional temperature controller
- Easy adaptation to Mattson, Perkin-Elmer, Varian, Nicolet, Bomem and Bruker spectrometers

## Options

- 38B100 EN Scout 10-cm gas cell, Viton™ O-rings, KBr windows
- 38B200 EN Scout 10-cm heated cell, Kalrez™ O-rings, KBr windows, temp. controller.
- 25B600W Pacesetter temperature controller (110v)