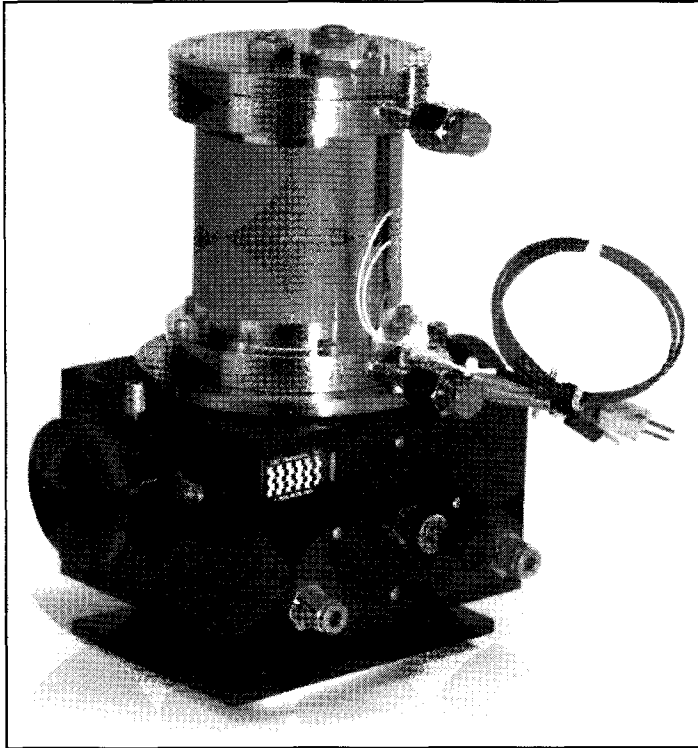


The 4Runner™

4-Meter Pathlength Gas Cell



Applications

- ◆ Moisture analysis of corrosive gases
- ◆ BCl_3 , Cl_2 , NH_3 , HCl , HBr , WF_6 , B_2H_6
- ◆ Effluent & Combustion gases
- ◆ Electronic specialty gases
- ◆ Semiconductor process monitoring
- ◆ Concentrations to ppb levels

Ordering Information

36B300	4Runner™, heated cell, Viton, w/purge box, Ni-plated body
36B350	4Runner™, heated, TEV O-rings, w/purge box, Ni-plated
25B600W	Pacesetter temperature controller
36B400	4Runner™, heated, Kalrez® seals, purge box, temp controller

CIC Photonics, Inc.

Features

This high performance cell is the latest addition to a long line of superior corrosion resistant gas analysis tools. Continuing in the tradition of the Pathfinder™ and the Ranger™, the 4Runner™ optimizes the pathlength to volume ratio for unmatched performance.

The 4Runner™ Includes:

- ◆ 0.6-liter volume gives a surface to volume ratio of 0.09 square meter/liter
- ◆ 125-mm base path
- ◆ 304 stainless steel body for corrosion resistance, durability, and simplified cleaning
- ◆ Circumferential flow geometry
- ◆ Viton®, Teflon®-Encapsulated-Viton®, Metal-C, or Kalrez® seals.
- ◆ BaF_2 , CaF_2 , or AgCl , or ZnSe -AR window materials
- ◆ Welded VCR fittings for gas porting
- ◆ Evacuatable and pressurizable: 10^{-4} Torr to 300 psig
- ◆ Heatable to 200° C with temperature controller
- ◆ Integrated purge box with movable reference optics
- ◆ Thick-gold over thick-nickel coated stainless steel mirrors
- ◆ Insulation and cover
- * Optional: Nickel-plated cell body

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Finding the Path to Optimum Results

