

Outlet Gas has less than 1% inlet concentration
Polishing Zone Active Desiccant
Mass Transfer Zone Gas at this point has less than 5% of the inlet concentration
Scrubber Zone Desiccant is at equilibrium with inlet gas adsorbent concentration
Inlet Gas



Moisture Removal S-Traps

- Contains Molecular Sieve 5Å, 45/60 mesh

This trap can be reconditioned by heating at a minimum of 350°C, with flow for 6 hours.

Cat. No.	Description
5060-9084	Moisture "S" trap, metal casing, 1/8" fitting



Big Moisture Traps

- Ideal when several instruments are plumbed from a single gas source
- One piece of heavy-walled aluminum tube, this one-piece design eliminates potential leaks
- Equipped with sintered SS frits to prevent particulate contamination
- Up to 250 psi

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
BMT-2	750	1/8	130	5
BMT-4	750	1/4	130	5

Adsorbent Refill and Mounting Bracket for Big Traps

Cat. No.	Description
BMSR-1	Big moisture refill, (enough for 2 refills)
UMC-5-2	Big mounting clip, 2/pk

Glass Indicating Moisture Traps

- Heavy wall borosilicate glass tube—no moisture diffusion
- Molecular Sieve 13X and a band of indicating Molecular Sieve 4Å

Molecular sieves differ from all other commercially available adsorbents, as they have an extremely high adsorption capacity for water and polar compounds even at relatively low concentrations. The color change takes place in the middle of the trap bed, giving ample warning. In addition to the inherent qualities of the sieve material, we treat the bed material under high vacuum and heat to ensure maximum scrubbing efficiency and capacity.

Glass Indicating Moisture Traps (GMT and LGMT Series)

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
GMT-2GC-HP	70	1/8	11.4	7
GMT-4GC-HP	70	1/4	11.4	7
GMT-2-HP	100	1/8	16.3	6
GMT-4-HP	100	1/4	16.3	6
LGMT-2-HP	250	1/8	40.09	6
LGMT-4-HP	250	1/4	40.09	6

Adsorbent Refill and Mounting Brackets for Glass Traps

Cat. No.	Description
GMSR	GMT and LGMT adsorbent refill, 250cc
UMC-3	Mounting clip for 70 and 100cc traps
UMC-4	Mounting clip for 250cc traps

High Pressure SS Moisture Traps

- Molecular Sieve 13X
- Constructed from seamless 316 SS
- Rated to 4,000 psi
- Equipped with sintered SS frits to prevent particulate contamination

Cat. No.	Size (cc)	Fitting (in.)	Removal Capacity (g)	Performance (ppb)
MT-2-SS	200	1/8	36.0	18
MT-4-SS	200	1/4	36.0	18

Adsorbent Refill and Mounting Bracket for High Pressure Traps

Cat. No.	Description
BMSR-1	Big moisture refill, 1500cc
MC-1	Mounting clip for 200cc traps