



-29 and -30 Gas Analysis Filters

ELTEC INSTRUMENTS, INC.

-30 Carbon Dioxide Filter

Narrow bandpass filters.

Centre wavelength at 4.35 microns plus/minus 0.05 microns. Peak transmission to be greater than or equal to 70%. Half bandwidth to be 0.18 microns plus/minus 0.05 microns.

Transmission to be less than or equal to 0.1% below passband and above to 8 microns.

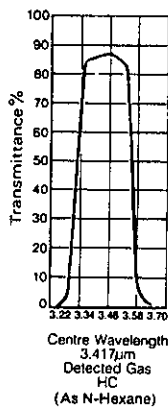
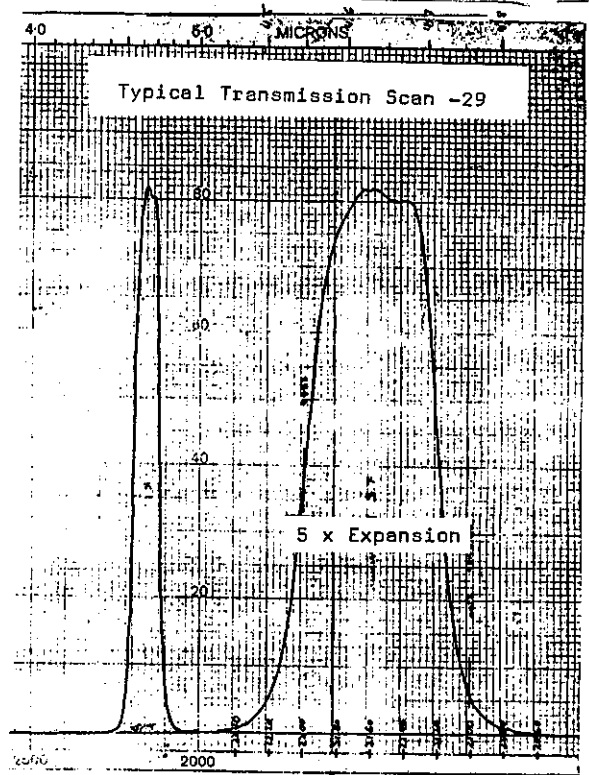
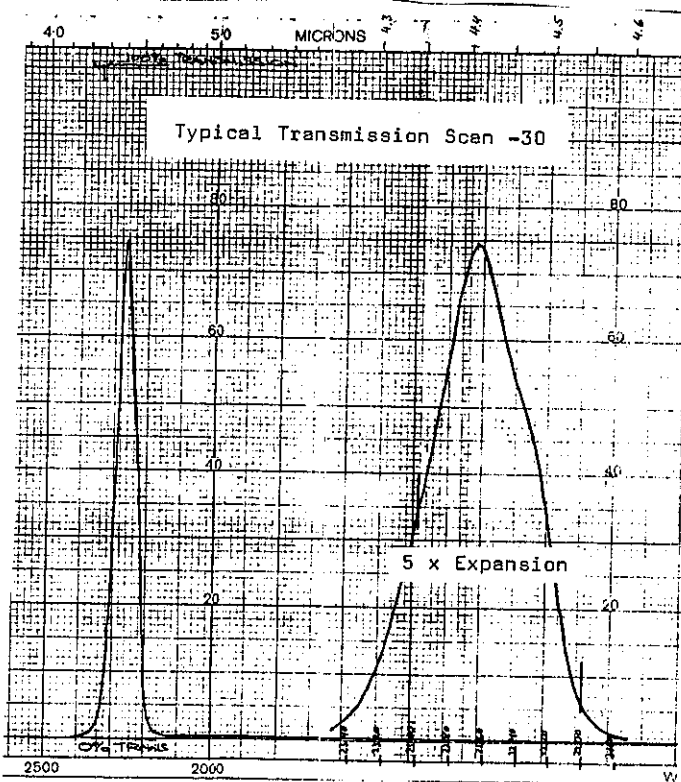
Both items: Substrate to be 1" diameter plus/minus 0.005" x 1 mm plus/minus 0.25 mm thick germanium discs.

Coated surface quality to be 80:50 per face MIL-O-13830.

-29 Carbon Monoxide Filter

Narrow bandpass filters.

Centre wavelength to be 4.64 microns plus/minus 0.05 microns. Half bandwidth to be 0.18 plus/minus 0.02 microns. Peak transmission to be greater than or equal to 75%. Attenuation to be 0.1% transmission from 0.4 microns to passband to 8 microns. Transmission to be less than or equal to 1% from 8 to 10 microns. 5% points to be greater than or equal to 4.43 microns and less than or equal to 4.85 microns, 50% points to be greater than or equal to 4.49 microns and less than or equal to 4.79 microns. Edge slopes to be less than or equal to 3%. Operating temperature to be 47°C. Angle of incidence to be 0°. Cone angle collimated.



Other Gas Analysis Filters on Request:

