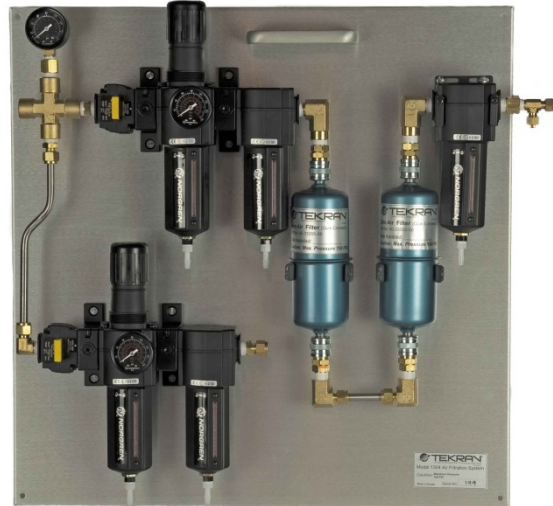


Model 1304 – Air Filtration System

Rev. 041614



Tekran equipment is manufactured under US and foreign patents and patents pending

The **Tekran® Model 1304 Air Filtration System** is an inexpensive, convenient conditioning unit for plant compressed air. The **Series 3300 Mercury CEM** requires two types of air in order to operate. **Motive air** is required to drive the inertial filter sample flow via an eductor. **Zero Air** is used for dilution and for the generation of calibration gas. Both types of air should be dry, oil free and particulate free, however the **Zero Air** is also scrubbed of all traces of mercury.

The **Model 1304** can supply enough air for *two* CEM systems. The long-life filter elements and mercury scrubbers are simple to change, inexpensive, and last in excess of one year under normal operating conditions.

Product Highlights

- Provides Motive air (filtered only)
- Provides Zero Air (filtered and scrubbed)
- Automatic draining water knockout traps
- Quick disconnects allow rapid changing of Hg traps
- Individual pressure regulators for each supply
- Individual shut-off valves for each supply
- Multi-stage particulate traps
- Long life, commercially available filtration elements

Applications of Series 3300 CEM

- Coal fired power plants
- Waste incinerators
- Other industrial sources
- Speciation studies
- Bench scale testing
- Mercury removal process monitoring

Specifications

Inlet Air Specifications

Min Inlet Pressure:	90	PSI
Max Inlet Pressure:	180	PSI
Dew Point:	< 5	°C
Other:	Oil & particulate free. (1 µm pre-filtration required)	

Output Capacity

Motive Air Output Capacity:	200	SLPM
Zero Air Output Capacity:	80	SLPM
<i>(Sufficient for two CEM systems)</i>		

Physical

Mounting Board Dimensions:	24" W x 24" H
Mounting Centers:	22" x 22"

Connections

Inlet Fitting:	3/8" NPT Female
Motive Air Outlet:	3/8" compression
Zero Air Outlet:	1/4" compression

Product Features

