

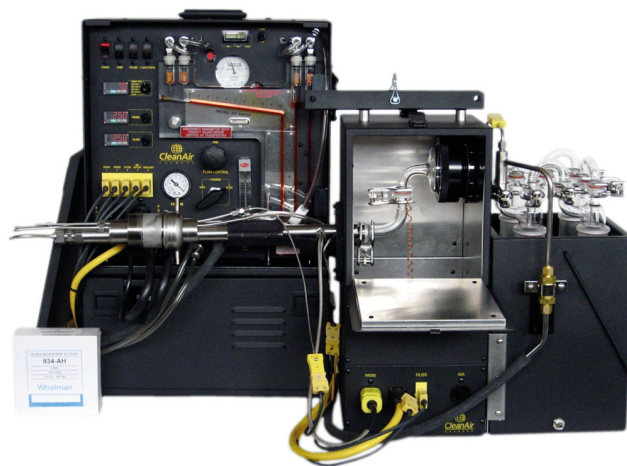
# Polycyclic Aromatic Hydrocarbons

## Isokinetic Gas Sampling System

The CleanAir isokinetic sampling system is used to sample PAHs. It is a variation of the basic model (dust), but in a version including nozzles and a Pyrex sheath with and a bubbler compartment which accommodates specific glassware (identical for Dioxins and Furans).

This system makes it possible to continuously take a sample of gases or vapors from stack emissions while maintaining the same speed characteristics as at the sampling point. The particles are deposited on a filter and the PAHs are absorbed by a specific resin (supplied by environmental analysis laboratories). The hot gases are conditioned in a series of cold bubblers. The condensates are trapped and a volumetric meter (DGM) measures the total flow volume of dry gas sampled.

The use of this system must imperatively be entrusted to a user trained in a specific methodology. The flow velocity at the sampling point must be known and communicated to CleanAir Europe for the feasibility of the project.



PAH

Isokinetic sampling

✓ **NF X43-329 certified**



Also available for rent with technical support included

### TECHNICAL SPECIFICATIONS

ISOKINETIC CONTROL CONSOLE

HEATED FILTRATION UNIT (WITH OVEN AND BUBBLER COMPARTMENT)

GLASSWARE SET (INCLUDING AN 8.5CM PYREX FILTER HOLDER)

AIRBURGER OUTLET CONNECTION

CHOICE OF UMBILICAL: 7 / 15 OR 30M

PROBE METHOD 5: LENGTH 60 / 120 OR 180 CM

COMPLETE SET OF PYREX NOZZLES (1/8", 3/16", 1/4", 5/16", 3/8", 1/2")

PYREX SHEATH

SAMPLE COLLECTION KIT FOR PCDDF AND PAH

GLASS FIBER FILTERS, 8.26 CM DIAMETER

STAINLESS STEEL ADAPTER FOR PORT FIXING (CABLE GLAND)

POWER : 230 VAC

WEIGHT : 125KG

### KEY POINTS

- Modular system
- Designed for harsh environments
- Custom probe

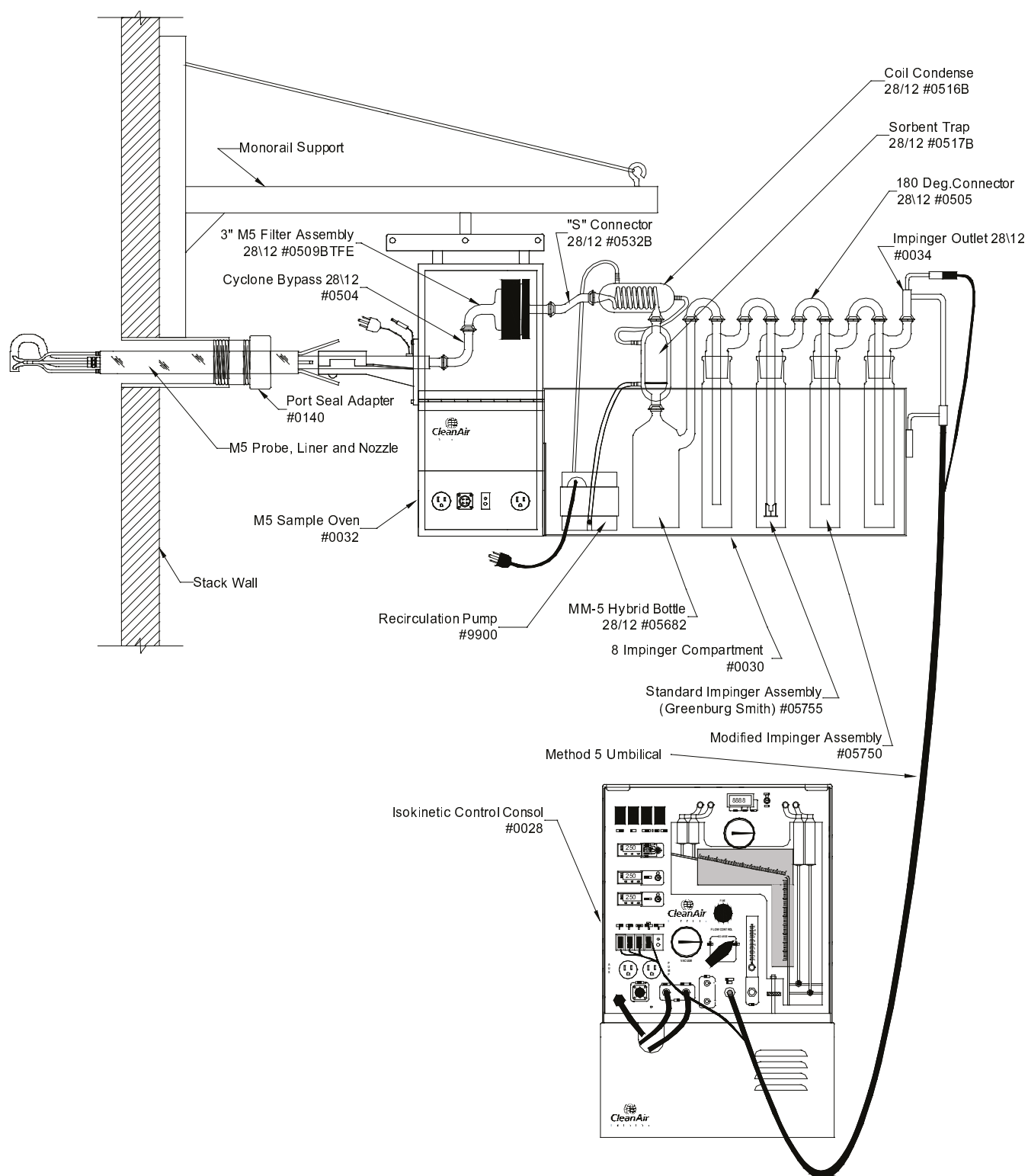
### APPLICATIONS

- Controlled environments
- Dust and PAH monitoring
- Emissions sampling
- Process control
- Industries: laboratories, manufacturing plants, UIOM incinerator

For more information

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## SAMPLING TRAIN DIAGRAM



**For more information**

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