

Heavy metals

Isokinetic Gas Sampling System

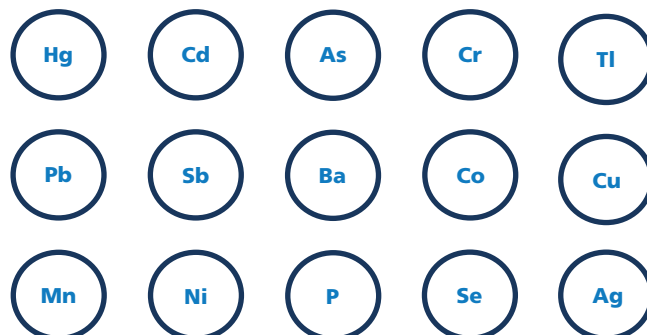
The CleanAir isokinetic sampling system allows the sampling of particulate and gaseous heavy metals. It is a variation of the basic model (dust), but in a version including nozzles and a Pyrex sheath with and a bubbler compartment that accommodates specific glassware.

This system makes it possible to continuously take a sample of gases or vapors on stack emissions while maintaining the same speed characteristics as at the sampling point. The particles, including metallic ones, are deposited on a filter. The hot gases are conditioned in a series of cold bubblers. Gaseous heavy metals are absorbed by specific solutions. 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.



Also available for rent with technical support included



Isokinetic sampling

✓ **US EPA M29 certified**

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 S: 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

QUARTZ FIBER FILTERS, 8.26 CM DIAMETER

STAINLESS STEEL ADAPTER FOR PORT FIXING (CABLE GLAND)

POWER : 230 VAC

WEIGHT : 60KG

KEY POINTS

- Modular system
- Designed for harsh environments
- Custom probe

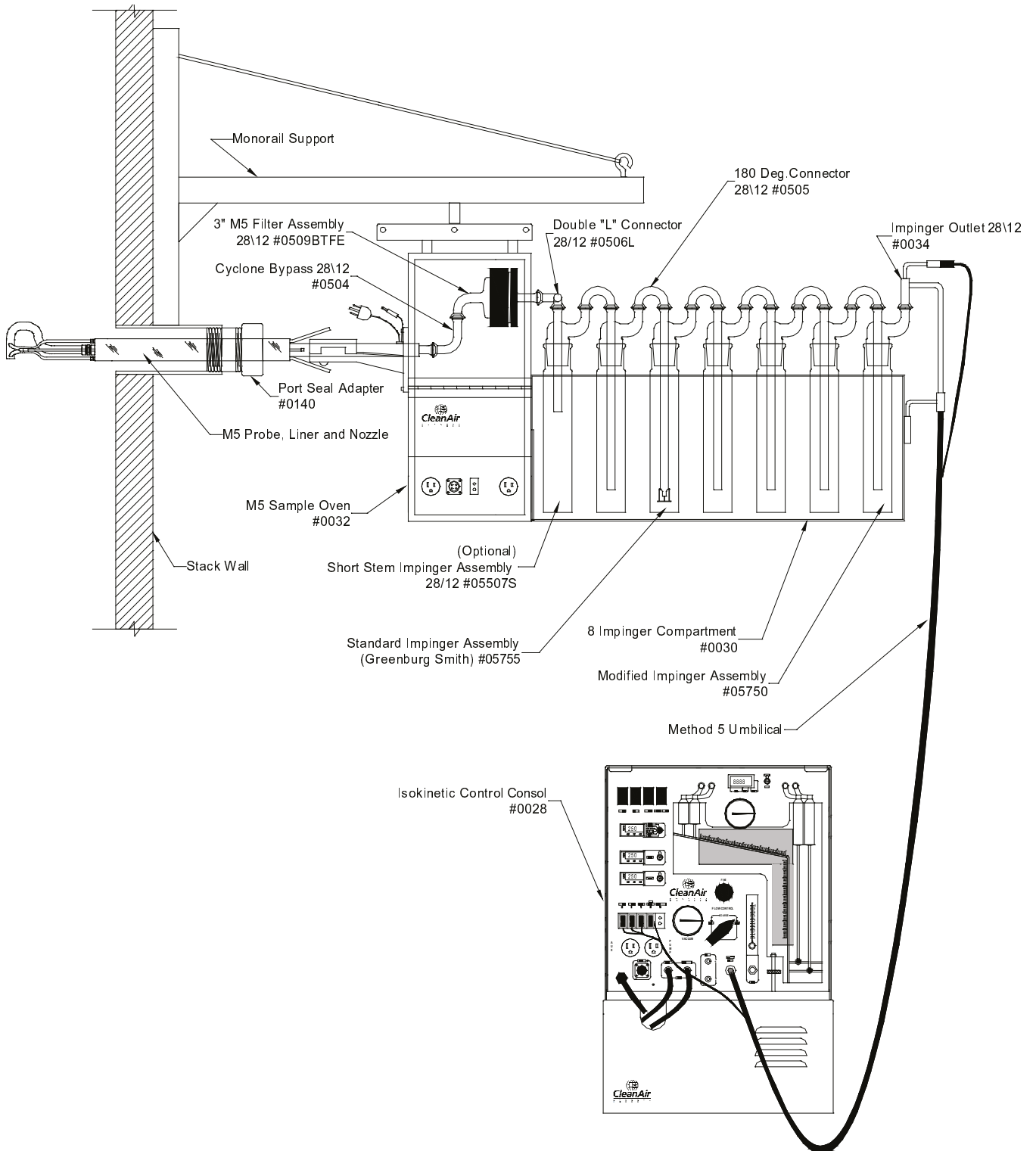
APPLICATIONS

- 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



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