

CASCADE IMPACTOR KIT

CI-701K Cascade Impactor Kit includes 7 stage impactor, a PRA-K pre-cutter, nozzles, interconnecting tube, glass fiber filters (45 mm, 47 mm and GFDN filters) and foil collection plate.

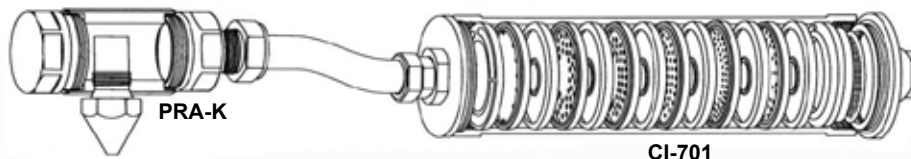
CI-701-K

Cascade Impactor 7 Stage 47 mm filter outlet, Viton® O-Rings, Foil collection plates.

CI-701

Set of 7 Lightweight Stainless Steel Foil Collection Plate Inserts.

CI-FP



Stainless Steel Pre-Collector

Price	Description
PRA-K	Pre-Cutter Assembly Kit, Includes Body, Cap, Outlet Cap with Union, Nuts, Ferrules and Set of 6 Nozzles
PRA-N4	1/8"
PRA-N6	3/16"
PRA-N8	1/4"
PRA-N10	5/16"
PRA-N12	3/8"
PRA-N16	1/2"
PRA-NS	Set of 6 Pre-Collector Nozzles, Sizes 4-16

PARTICLE SIZING DATA REDUCTION SOFTWARE

Windows-based Cascade Impactor Data Reduction System (WINCIDRS) calculates particle size distribution of stack particulate matter (PM) taken with the Cascade Impactor, as well as particle-sizing cyclones. Developed by stack particle analysis experts, this software reduces the time and chances of error involved with reducing particle sizing data.

Functions

- Calculates each stage's aerodynamic cut point and DP_{50} , needed to reduce particle size data.
- Calculates and Stores ancillary data, such as dry gas composition and moisture content.
- Reduces velocity traverse data.
- Aids in selection of sample flow rates and ideal nozzle size.
- Calculates flow rates and dwell times required for PM_{10} and $PM_{2.5}$ sampling traverses.
- Calculates fractional efficiencies of control devices from samples obtained at inlets and outlets.



WINCIDRS

Product	Description
WINCIDRS	Particle Sizing Software for $PM_{2.5}$ and PM_{10} Cyclones

Data Reduction Software

(The $PM_{10/2.5}$ Software Program (PM-2.5-10C) is extracted from WinCIDRS and simplified for use only with PM_{10} and $PM_{2.5}$ cyclones. The calculations are similar to the WinCIDRS, scaled-down specifically for cyclone data reduction. The calculations are intensive enough to demand computer software.)

Product	Description
PM-2.5-10C	Particle Sizing Software for $PM_{2.5}$ and PM_{10} Cyclones

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