

Ambient (Non-Viable) Eight-Stage Cascade Impactor

TE-20-800

Eight Stage Ambient Sampler System Includes: 8 Aluminum Orifice Stages, 8 Stainless Steel Collection Plates, Back up 81mm Filter Holder, 11 Silicone O-Ring Gaskets, Vacuum Pump Assembly and Carrying Case complete



- ◆# PM₁₀ High-Capacity Pre-Impactor ensures accurate separation of large particles.
- ◆# High Sample Flow-Rate of 28.3 ALPM
- ◆# Size separation from >9µm to <0.3µm
- ◆# Optional volumetric flow-controlled vacuum system
- ◆# Corrosion-resistant alloy aluminum with silicone seals

AERODYNAMIC SIZING AND DISTRIBUTION OF AMBIENT PARTICULATE WITH UNPRECEDENTED PRECISION...COST... AND EASE OF OPERATION

Time proven virtual elimination of particle bounce and re-entrainment.

Highest proven collection efficiency, reproducibility and accuracy

Aerodynamic particle separation in nine (9) size fractions

81mm Sample Substrates for easy handling and weighing with analytical balance

Incorporates U.S. Federal standards for the "Ideal Cascade Impactor" And meets OSHA, EPA and ACGIH design requirements for respirable/non respirable fractionation.

Cut-points for the Tisch Environmental Eight Stage Non-Viable Impactor at 28.3 LPM

STAGE	MICROMETER CUT-POINT OPERATING AT 28.3 lpm
Pre-Separator	10.0 and above
0	9.0
1	5.8
2	4.7
3	3.3
4	2.1
5	1.1
6	0.7
7	0.4