



SAG 440 ASHRAE Dust Disperser

The SAG 440 ASHRAE dust disperser has been developed to meet requirements established by ASHRAE 52.2 and DIN EN779 standards for testing performance of general ventilation air-cleaning devices.

Because of both ingredients carbon black and cotton linters to be used in the test dust for loading tests make it difficult to disperse, the dust dispersing apparatus has been established by the standard and clearly described.

### **Principle**

The basic type of operation is the delivery of the dust to an aspirating Venturi nozzle using a metering gear at a constant rate.

### **Applications**

- Determination of dust holding capacity according to EN779, ASHRAE 52.2
- Performance, evaluation and calibration of dust samplers and monitors

### **Special Features**

- Constant and reproducible feed rate over a wide range – suitable for a wide range of applications.
- Refillable during operation – ideal for long term investigations.
- Optional remote control unit for manual or computer control