TVE 3000



With the aid of the TVE 3000, vacuum cleaner tests can be carried out more cost-effectively than in accordance with the standard EN 60312. In addition, it is possible to distinguish the separation behavior of vacuum cleaners with bags and vacuum cleaners with bags and HEPA end filters reliably with dust or as an option with salts – e.g., NaCl or KCl.

Benefits

- Virtually simultaneous particle measurement in the raw gas and clean gas
- Highest dosing consistency with the dust disperser RBG 1000 or with the AGK 2000
- Measurement of the particle size distribution and particle concentration in the raw gas and clean gas
- Emission measurements in accordance with standard EN 60312
- Measurement of the fraction separation efficiency for the dust bag
- Measurement of the fraction separation efficiency for the HEPA end filter
- Measurement of the fraction separation efficiency for the entire vacuum cleaner
- Low-maintenance
- Easy operation

Applications

- Emission measurements in accordance with standard EN 60312
- Measurement of the fraction separation efficiency for the vacuum cleaner with bag and the vacuum cleaner with HEPA end filter

DATASHEET

Measurement range (number C_N)	$< 1 – 10^6$ Partikel/cm^3
Measurement range (size)	0.2 – 40 μm
Volume flow (suction flow)	Volume flow of the system is depending on the vacuum cleaner
Power supply	115 – 230 V, 50/60 Hz
Compressed air connection	6 – 8 bar
Dimensions	2,100 • 2,600 • 600 mm (H • W • D)
Weight	Approx. 170 kg

NORMS AND CERTIFICATES

EN 60312