

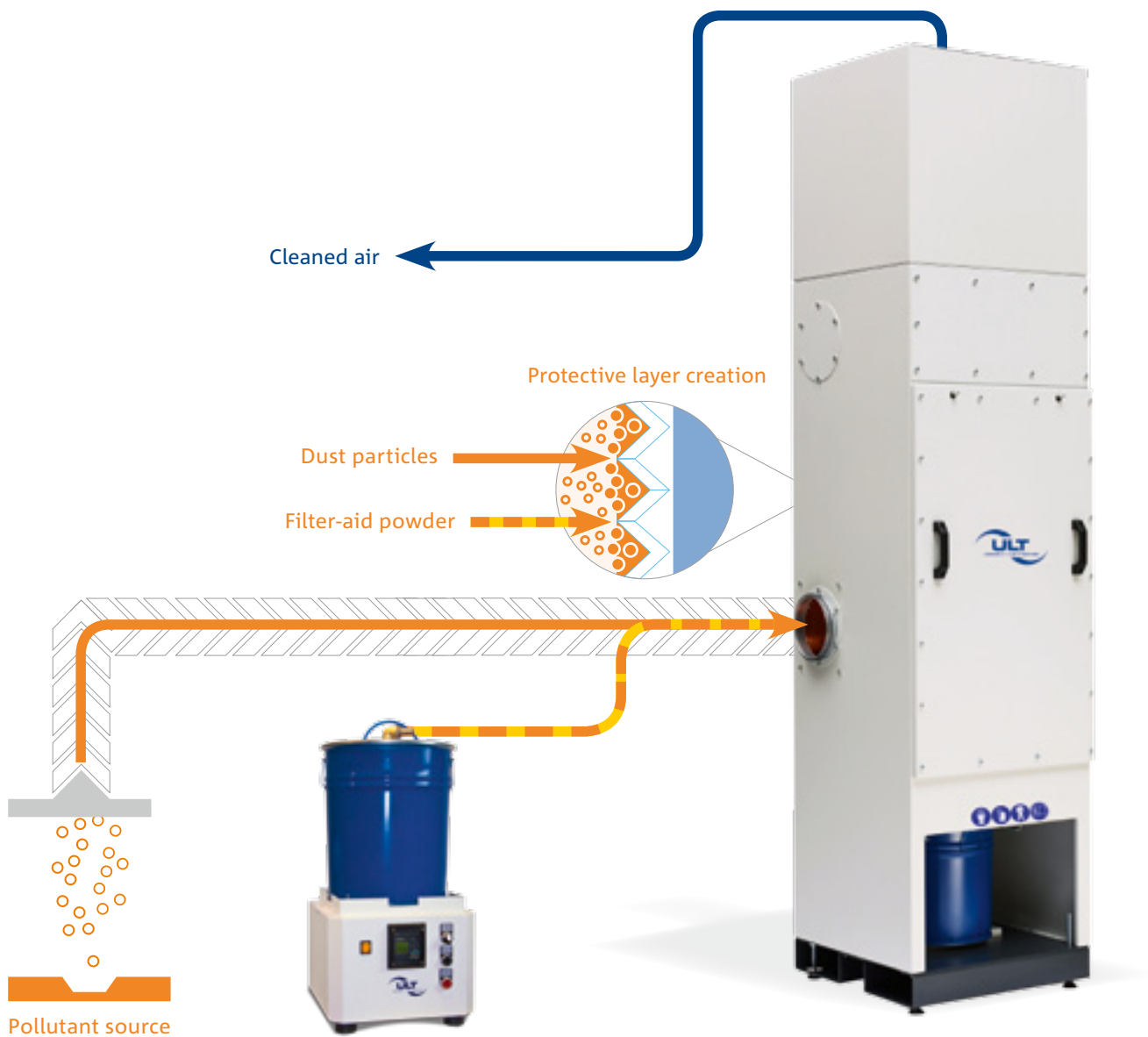


Filter-Aid Powder Metering Unit

Accessory for the filtration
of sticky or very fine dusts

Extraction. Filtration. Persistence.





1

Extraction

Removal of contaminated air

2

Metered addition

Sequential addition of filter-aid powder

3

Filtration

Forming of an easily removable filter cake on the cartridges

Laser material processing and many other production processes may cause extremely fine dusts. This emerges into a challenge for the filters in fume extraction systems – usually cartridge filter units.

In the case of plastics or textiles processing, dusts can additionally be sticky. The result: irreversible filter clogging.

A **filter-aid metering unit**, preconnected to the extraction technology, helps to avoid this situation. The filter-aid powder, added to the flue gas, produces a protective layer on the filter cartridge surfaces, binding particulates into an easily removable filter cake. The result: a trouble-free filtration process. The metering unit is integrated into the control system.