

Manually operated cartridge holder HVSKA

The manually operated cartridge holder HVSKA is supplied as an option for our DIGITEL High Volume samplers DHA-80 and DH-77. This module is installed in the sampled air flow downstream the filter. Gas-phase organic compounds which can not be collected on the filter will be absorbed on the scrubbing material in the cartridge. These organic compounds are for example:

- Polycyclic aromatic hydrocarbons (PAH): Phenanthrene, Anthracene, Fluranthene, Pyrene, Benzo (a) pyrene
- Dioxin, Furan
- Insecticides
- Radioactivity

The glass cartridges can be equipped with PU-foam, granulates, activated carbon etc. depending on the application. Caps for hermetical sealing of the cartridges during their transportation to and from the sampler ensure unimpaired samples. The samples are processed and cleaned by extraction means in the laboratory. The analyses are carried out by GC/MS or other processes depending upon the application.

Technical data:

Construction: manually operated cartridge holder

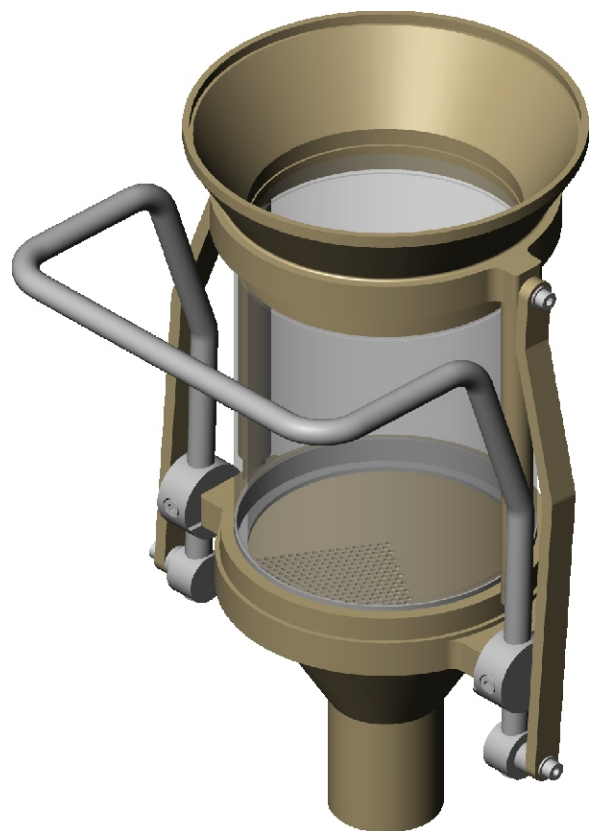
All components which are in contact with the measuring air are made of ematalized aluminium or glass.

1 glass cartridge:
internal sizes max.: d = 100 mm; l = 140 mm

Other dimensions on request

The cartridge sampling can be processed simultaneously with one (or several) filter sampling cycle(s).

All DIGITEL High Volume samplers as from 2004 can be upgraded with this option on the spot.



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