

## Hand changed cartridge holder HVSKA

The Hand cartridge Changer HVSKA is supplied as an option for our DIGITEL High Volume Sampler DHA-80. This module will be installed in the sampled air flow downstream the filter. Gas-phase organic toxics which cannot be collected on the filter will be absorbed on the cartridge scrubbing material. These organic toxics are for example:

- Polycyclic aromatic hydrocarbons (PAH): Phenanthrene, Anthracene, Fluranthene, Pyrene, Benzo (a) pyrene
- Dioxin, Furan
- Insecticides
- Other parameters such as the radio-activity can be monitored this way.

The glass cartridges can be equipped with PU-foam, granulates, activated carbon etc. depending on the application. We supply caps for sealing hermetically the cartridges during their transportation to and from the Sampler. The collected samples will be carried out in the laboratory. The samples will be processed and cleaned by extraction means. The analysis are carried out by GC/MS or other processes depending upon the application.

### Technical data:

Construction: hand changer

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

1 glass cartridges:

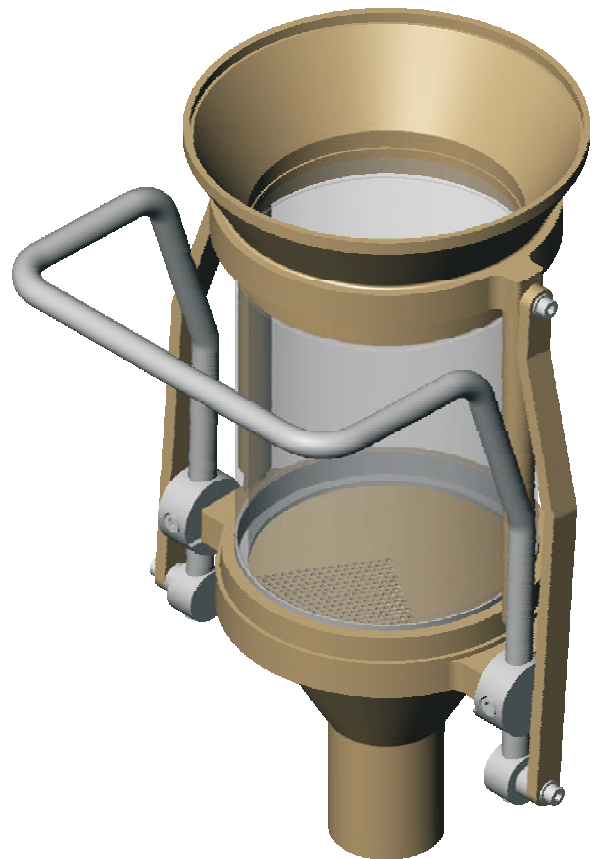
internal sizes max.: d = 100 mm; l = 140 mm

The cartridge sampling can be processed siultaneously with one or several filters sampling cycles.

Included electronics with integrated overload safety.

The sampling parameters such as sampled air volume, averaged temperature and pressure, alarms etc. are automatically logged in the DHA-80

All DIGITEL High Volume Sampler can be upgraded with this option.



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