

O<sub>2</sub>

# Probenahme Stäube und Gase

CO<sub>2</sub>

O<sub>3</sub>

## Programm:

- 1. Probenpumpen Anforderungen**
- 2. Probennahmepumpen Gilian**
- 3. Staubprobenahme Köpfe**
- 4. Gasförmige Stoffe**

# Probenpumpen Anforderungen



## Anforderung Probennahmepumpe:

- konstanter Durchfluss
- Regelung Fluss +/- 5 %
- Laufzeit Batterie min. 4 – 8 Std.
- Durchflussbereich möglichst gross
- klein und handlich
- ev. Datenspeicher, STP, Bedienung per App

# Probennahmepumpen Gilian



GilAir Plus:

MB: 20 – 5'000 ml/min. (CF)

1 – 5000 ml/min. (CP)

Optionen: Basic, Datenlogger, STP, BT

Laufzeit: min. 8 Std.

Low – High Flow umschaltbar

klein und handlich



# Probennahmepumpen Gilian



Gilian 12:

MB: 4 – 12 l/min. (CF)

Gewicht: 580 g

Laufzeit: bis 8 Std.

Nur High Flow



# Probennahmepumpen Gilian



LFS-113:

MB: 1 – 350 ml/min. (CP)

20 – 200 ml/min. (CF)

Laufzeit: min. 8 Std.

Nur Low Flow



# Feinstaubprobenahme 2 l/min.



## Higgins-Dewell Style FSP-2 Cyclone (European Version)



HD style cyclone with European style sampling cassette.

Identical in function to our BGI-4L Higgins-Dewell style cyclone, this Higgins-Dewell style cyclone incorporates two different styles of European filter cassettes and holders. It is ideal for respirable dust sampling according to HSE MDHS 14/3 (UK) at 2.0 LPM (50% cut at 5 microns). In that sampling method glass fiber filters and MCE filters are recommended, depending upon the application. The GilAir Plus and Gilian 5000 pump models are suggested for use with this cyclone.

# Feinstaubprobenahme 10 l/min.



## FSP-10 High Flow European Style Cyclone



Gilian FSP-10 cyclone offers a high flow rate alternative for better sensitivity in silica sampling.

The new OSHA standard for silica dust requires larger air samples to attain improved sensitivity for lab analysis, and application of this high flow European cyclone is described in NIOSH Report ECM/2011/03 using a 37mm, 5 micron PVC filter membrane. Developed in Germany for 10 LPM sampling following Europe's 5 micron 50% particle size curve, it also conforms to the traditional US respirable dust curve (50% at 4 microns) at 11.2 LPM. The unit uses a European style 37mm filter holder, and is suggested for use with the Gilian 12 pump.

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# Gesamtstaubprobenahme GSP



## GSP-3.5 Conical Inhalable Dust Sampling Head



Inhalable dust sampling may be conducted at 3.5 LPM using this European style conical sampling head following HSE MDHS 14/3 (UK). In that sampling method glass fiber filters and MCE filters are recommended, depending upon the application. This unit uses a 37 mm European style sample holder.

# Probenahme mit 2 Medien

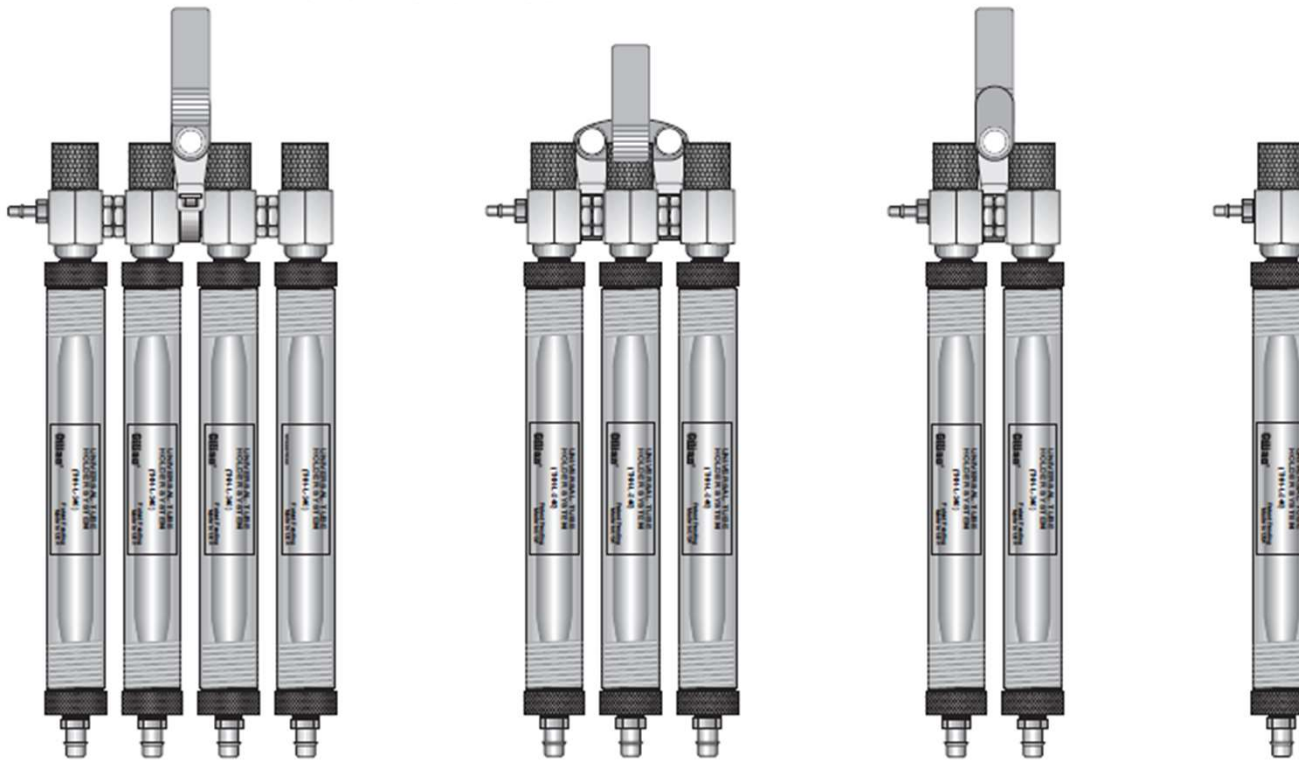


Top Access Model Shown with  
Two Filter Cassettes



Bottom Access Model Shown with  
Sorbent Tube Holder and Filter Cassette

# Probenahme Tubes



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