

# Olfactory Detection Port (ODP)

## Relaxed no-compromise olfactory work

The GERSTEL ODP meets the highest ergonomic and analytical requirements. As soon as compounds, even high boiling and polar compounds, elute from the GC column, the ODP accurately presents them to the nose for precise and reproducible olfactory determination. The integrated voice recognition software records spoken user comments during the olfactory analysis.

Sensory impressions for odor active compounds listed in a chromatogram are efficiently and unambiguously recorded and documented. The ODP is compatible with most standard GC instruments.



### 1 One-turn fixation knob

Ensures convenient positioning with a single turn of the hand for optimized ergonomics and relaxed, concentrated analysis work. The 3D swivel lock provides excellent stability. The ODP enables simplest possible adjustment and meets individual user requirements even when operated by multiple users.

### 2 Heated, inert transfer line

Without cold spots, enabling accurate and reproducible identification of odor active compounds across wide boiling point and polarity ranges, including SVOCs. The transfer line temperature can be set to track the GC oven program.

### 3 Exchangeable glass cone

Exchanged by simply loosening a thumbscrew. Each analyst can use his or her own glass cone for improved hygiene.

### 4 Exchangeable positioning ring

Exchanged by turning and releasing it from the bayonet joint. The PTFE coated adapter is used for olfactory work with or without the glass cone. Each analyst can use his or her own positioning ring and markers for improved hygiene. An adapter is used for trapping compounds on an adsorbent tube (Sniff & Trap).

### Operation without glass cone

The ODP 4 enables sensory work with or without glass cone, there is no exposure to heated surfaces. Individually settable markers and pins allow perfect nasal positioning even with eyes closed for perfect concentration. The make-up gas flow can be reduced to avoid dilution of the column effluent for maximum sensitivity.

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