TD100-xr

Automated thermal desorption

The MARKES TD100-xr automates thermal desorption of up to 100 sorbent tubes. Electrically cooled focusing and sample re-collection support the analysis of volatile and semi-volatile organic compounds by GC or GC/MS.



TD100-xr

KEY FEATURES

- Up to 100 sorbent tubes in ten trays with ten positions each
- Overlap mode: preparation of the next sample during the current GC analysis
- Electrically cooled focusing trap without liquid cryogen
- Automated sample re-collection for repeat analysis
- DiffLok caps protect tubes before and after desorption; leak testing before each analysis
- Electronic tube tracking with TubeTAG RFID
- Multi-Gas version: helium, nitrogen or hydrogen; the carrier gas and analytical system must be matched to the application.

TECHNICAL DATA

Sample capacity	100 tubes
Sample trays	10 × 10 positions
Focusing	Electrically cooled
Repeat analysis	Automated re-collection

APPLICATIONS AND CONFIGURATION

Air monitoring, material emissions, and flavour and odour analysis using tube-based sampling.

For laboratories processing large numbers of tube samples. Sorbent, desorption conditions and carrier gas are selected for the target compounds. Multi-Gas refers to a suitable instrument version, not a general retrofit guarantee.

CHROMTECH GmbH
Carl-Zeiss-Strasse 20 · 65520 Bad Camberg
info@chromtech.de · www.chromtech.de