

PFAS sampling tubes and focusing trap for thermal desorption

Sorbent tubes and a focusing trap optimised for the analysis of per- and polyfluoroalkylated substances (PFAS) in air by thermal desorption–gas chromatography–mass spectrometry (TD–GC–MS).

Easy PFAS analysis

Six new sampling tubes and a focusing trap have been designed to make it easy to monitor PFAS compounds in ambient and indoor air, and from materials.

The tubes are available conditioned and capped or uncapped in either glass or stainless steel. The glass versions can sample volumes of up to 300 L and the stainless steel versions can either sample up to 300 L or 500 L.

With the 500 L 'PFAS Extended volume' tubes, low pg/m^3 detection limits can be reached.

All six tubes are suitable for sampling ambient air, dependent on the required detection limits, while the 300 L tubes are recommended for sampling indoor air and emissions from materials.

The tubes are compatible with all TD systems that use industry-standard-size ($3.5'' \times \frac{1}{4}''$ o.d.) tubes, including Markes' TD100-xr™, UNITY-xr™, UNITY–ULTRA-xr™ and Centri®.



Stainless steel sampling tube



Glass sampling tube



Focusing trap

Product highlights

- 'PFAS Extended volume' (500 L) sorbent tubes enable analysts to reach low pg/m^3 detection limits.
- Tubes are compatible with all TD systems that use industry-standard-size ($3.5'' \times \frac{1}{4}''$ o.d.) tubes.

Ordering information

PFAS thermal desorption tubes are available in glass or stainless steel in packs of 10, either conditioned and capped or uncapped, and packed with optimised sorbents.

| PFAS tubes | | | |
|---|--------------|-----------------------------------|---|
| Description | Part number | Maximum recommended sample volume | Applications |
| Glass | | | |
| PFAS, conditioned/capped, pk 10 | C3-BAXX-5423 | 300 L | Ambient air, indoor air, material emissions |
| PFAS, uncapped, pk 10 | C3-BXXX-5423 | | |
| Stainless steel | | | |
| PFAS Extended volume, conditioned/capped, pk 10 | C3-AAXX-5426 | 500 L | Ambient air |
| PFAS Extended volume, uncapped, pk 10 | C3-AXXX-5426 | | |
| PFAS, conditioned/capped, pk 10 | C3-AAXX-5424 | 300 L | Ambient air, indoor air, material emissions |
| PFAS, uncapped, pk 10 | C3-AXXX-5424 | | |

| Focusing trap for PFAS | |
|--|--------------|
| Description | Part number |
| For use with Centri, TD100-xr (all series), UNITY-xr (and series 2) and UNITY-ULTRA-xr | U-T24PFAS-2S |

Compatible Markes products

PFAS sampling tubes are compatible with the following accessories from Markes:

- ACTI-VOC PLUS™ fast-flow pump
- Calibration Solution Loading Rig™ (CSLR™)
- Tube union

Talk to us about your application

Whatever your question – be it about sorbent tubes, sampling methods or complying with regulations – contact our team of TD specialists at SampleTech@markes.com to get the answers you need.



031 336 90 00 • www.scantecnordic.se



Markes International

UK: 1000B Central Park, Western Avenue, Bridgend, CF31 3RT
USA: 2355 Gold Meadow Way, Gold River, Sacramento, California 95670
Germany: Bieberer Straße 1-7, 63065 Offenbach am Main
P.R. China: Unit 1002, Building 1, No. 418 Guilin Road, Shanghai 200233
E: enquiries@markes.com **W:** www.markes.com

T: +44 (0)1443 230935
T: +1 866-483-5684 (toll-free)
T: +49 (0)69 6681089-10
T: +86 21 5465 1216



Order your tubes and focusing trap today

-  Buy online at www.markes.com/shop
-  Contact your regional distributor or one of our offices (details below).

