TC-30

Tube conditioning and dry-purging

The MARKES TC-30 conditions and dry-purges up to 30 sorbent tubes simultaneously. A touchscreen, stored methods and programmable temperature sequences simplify offline tube preparation for thermal desorption.



TC-30

KEY FEATURES

- Up to 30 tubes simultaneously; also operates with 15 tubes using one gas connection
- Conditioning and a dedicated dry-purge method offline from the analytical system
- Clean, dry nitrogen as the purge gas instead of helium
- Touchscreen with preset and fully programmable methods
- Automated temperature steps and hold times; temperatures up to 425 °C
- Timed start and calculated finish time for unattended operation
- Gas-pressure monitoring prevents heating at insufficient gas pressure

TECHNICAL DATA

Capacity	Up to 30 sorbent tubes
Maximum temperature	425 °C
Purge gas	Clean, dry nitrogen
Article number	U-TC30

APPLICATIONS AND CONFIGURATION

Preparation of new tubes, cleaning after analysis and dry-purging of moist samples before thermal desorption.

A separate preparation instrument, not a thermal desorber. Select the temperature and method to suit the tubes and sorbent. TC-30 charcoal filters capture released organic compounds; TC-20 filters are not compatible. A regulated nitrogen supply is required.

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