

# Chromatograf GRIFFIN 460

## SPECIFICATIONS

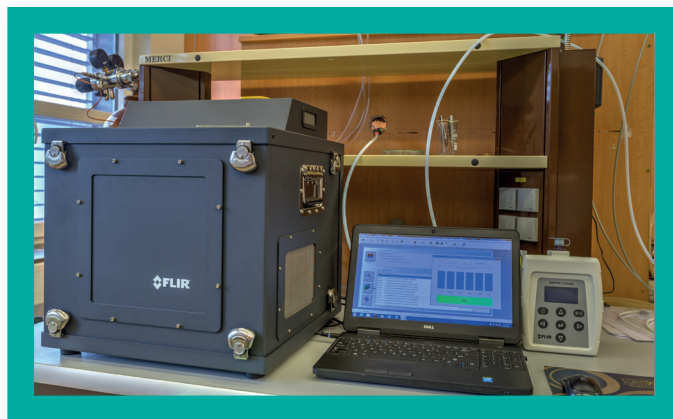
Mobile GC-MS with the possibility of MS-MS analysis with Purge & trap s, PSI Probe with Twister and the possibility of sampling in the field using X-Sorber. Built-in two preconcentration tubes with Tenax TA and Carboxen filling enabling continuous air analysis. LTM-GC column DB-5MS (15 m x 0,18 mm x 0,18  $\mu$ m) standard. Carrier gas He. CIT mass spectrometer with MS-MS tandem option. Range 45 - 425 m/z, ionization EI.

## MEASURING METHODS

Low Thermal Mass - Gas Chromatograph (LTM-GC) for GC/MS analysis, or more precisely MS/MS analysis with library MS spectra FLIR (Griffin) and NIST.

## OVERVIEW OF MEASURABLE PARAMETERS / OUTPUT INFORMATION

Mass spectrum (MS), chromatograph (RIC, TIC), identified VOC, or more precisely sVOC from MS spectra FLIR or NIST database.



## TYPES OF SAMPLES SUITABLE FOR ANALYSIS / MEASUREMENT CONDITIONS

Gases, liquids, powders and pastes using accessories Purge & Trap, PSI Probe, TWISTER (SBSE - Stir Bar Sorptive Extraction), SPME fibres. X-Sorber sampling units with two sorption tubes can be used for air sampling in the field.