

Sampling-Kit for GC/MS

Sampling and Sample Preparation Kit for GC/MS (EM640, Bruker-Daltonics)

Accessories for sampling and analysis are sorted according to the sampling methods:



1. **Method WL** (Water – volatiles)
 - 3 glass bottles (250ml) for sampling and extraction
 - 3 Purge & Trap-Adaptor
 - Screw caps with Teflon sealing, fritted glass disk, Swagelok-adaptor for sampling cartridges (sampling tubes)
 2. **Method WE** (Water-liquid extraction)
 - 3 Extract Bottles PE
 - 3 Screw caps
 - 3 Liquid transfer adapter PE
 - Tips for pipettors
 3. **Method BL** (Soil – volatiles)
 - 3 Glass bottles 250ml
 - 3 Headspace caps
 - Screw caps with Teflon sealing, Swagelok-adaptor for sampling cartridges (sampling tubes), Swagelok-feed-trough, Swagelok-ventilation screw
 - 3 Samplers for soil and transportation cover
 4. **Method BE** (Soil- extraction)
 - 5 Test tubes with soil samples
 - 5 caps with Teflon sealing
 - Tips for pipettors (10ml extraction)
 - Tips for pipettors (5µl injection)
 5. **Method OF** (Surface – solids)
 - 5 Test tubes with sampling tip for solids
 - 5 Test tubes with sampling tip for liquids
 - 5 Test tubes with wipe sampler
 6. **Method LS** (Air)
 - Dispenser of internal standards on sampling tubes (sampling with hand pump)
- **Standards**
 - 250ml Glass bottle with Acetone and deuterated internal Standards
 - 250ml Glass bottle with n-Hexane and deuterated internal Standards
 - 100ml Glass bottle with Methanol and deuterated internal Standards.
 - **Description of Methods**
 - **9 Cartridges** with Swagelok caps and Teflon sealing for sampling with:
 - 3 Tenax as adsorbent material (blue)
 - 3 Combination of adsorbents (black)
 - 3 Extraction tubes (red)
 - **Ultrasonic cleaner**
 - **Pipette** Eppendorf (5µl Injection)
 - **Pipette** Eppendorf (10ml Injection)
 - **BF-Heater** (Water bath)
 - **System** for extraction and addition of standards:
 - Swagelok fittings and tubing for connection to hand pump
 - Charcoal filter with restriction
 - Casing with transparent cover
 - **Hand pump**
 - Case for the transportation of all sampling and analysis tools.

AIRSENSE
ANALYTICS

AIRSENSE Analytics GmbH
Hagenower Straße 73 · 19061 Schwerin · Germany
tel: + 49 385 3993 280 · fax: + 49 385 3993 281
email: info@airsense.com · www.airsense.com