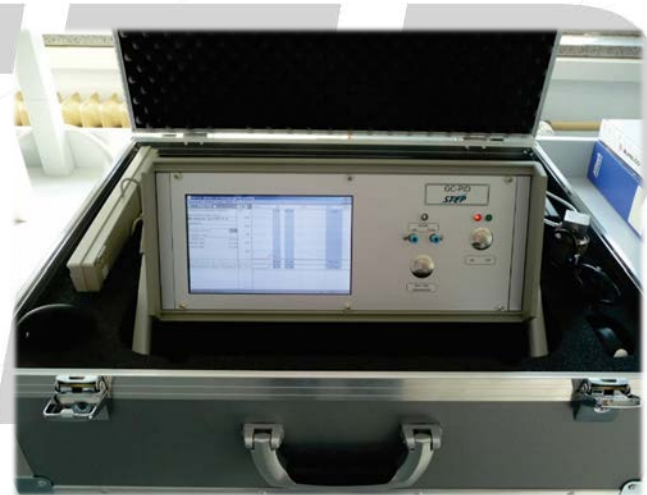


GC/UVM Analyzer

The GC-UVM provides a device usable for the detection of a variety of volatile organic compounds and toxic gases, ionisable by UV-lamp. The system meets the increasing regulatory demands regarding emission and control of gaseous chemical substances. Available in both fixed and portable forms, the GC/UVM provides the proven function of a photo ionization system with STEP's simplified yet functional interface software.

Features:

- Photo-ionization detector with integrated gas chromatography column
- Specialized for the detection of VOC (Volatile Organic Compounds)
- Very high sensitivity (e.g.: 1 ppb benzene)
- Multi range from low ppb to high ppm ranges (e.g., 40 ppb to 400 ppm)
- Mobile battery operating life of up to 6 hours
- Compensation of temperature influences
- No carrier gas is required

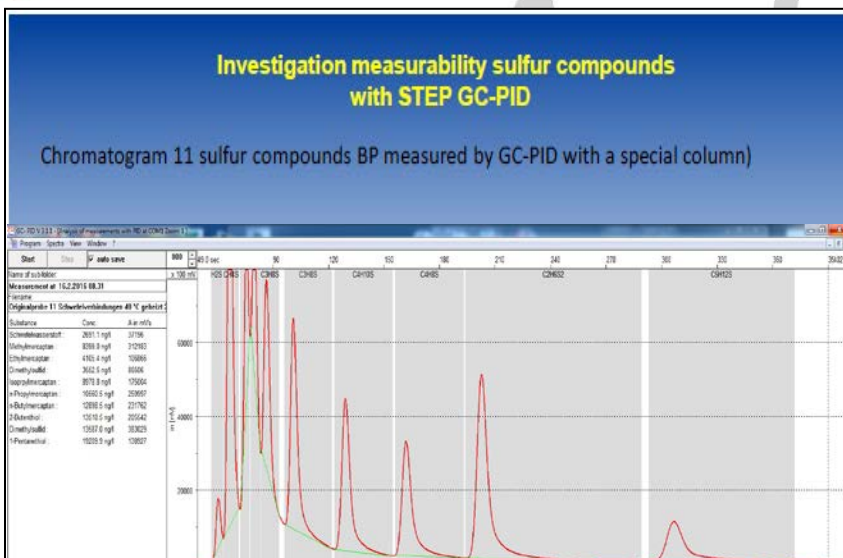


PRODUCT SPECIFICATIONS

Model Number: GC-UVM-25R (rack mount)
GC-UVM-25M (portable)

Detection Limit: ppb to ppm range depending on compound response.

- **Dimensions:** 430 x 350 x 160mm, (17 x 14 x 6.2in.)
- **Weight:** Rack, approximately 7kg, (15lbs.)
Portable, approximately 7kg, (15lbs.)
- **Operating temperature:** 0 to 35°C (32 to 95°F)
- **Warm up time:** 15 minutes
- **Wetted Surfaces – Tubing:** 316 Stainless Steel/ PFA Teflon
- **Power supply:** 110 to 230 VAC, rechargeable Li-Ion battery for mobile use
- **Mobile use battery life approx 5-6 hours**



Name	Conc.	CAS #
1. 1-Pentanethiol	10.9 mg/m ³	110-66-7
2. 2-Butanethiol	10.0 mg/m ³	513-53-1
3. Methyl mercaptan	10.3 mg/m ³	74-93-1
4. Ethyl mercaptan	10.0 mg/m ³	75-08-1
5. Dimethyl disulfide	10.0 mg/m ³	624-92-0
6. Dimethyl sulfide	9.98 mg/m ³	75-18-3
7. Hydrogen sulfide	4.70 mg/m ³	7783-06-4
8. Isopropyl mercaptan	9.98 mg/m ³	75-33-2
9. n-Propyl mercaptan	10.2 mg/m ³	107-03-9
10. Butyl mercaptan	10.0 mg/m ³	109-79-5

[Carbonyl sulfide (C2S) in mix but not measured due to ionization energy incompatibility with lamp.]