



Specification „GC-PID“

„GC-PID“ Photo-Ionisation-Detector with a Gas-Chromatographic column

- Multi-gas trace detector for detection and identification of volatile organic compounds (VOCs) in ppb- and ppm range, (i. e. 5 ng/l benzene)
- List of compounds (examples): Benzene, Toluene, Ethyl Benzene, Xylene, Ammonia, Styrene, Propene, Vinyl chloride, Butyl acetate, Ethyl acetate
- Ionisation: Krypton UV-lamp ($E = 10.6 \text{ eV}$)
- Lifetime UV lamp 5000 hours of operation
- Photo Ionisation Detector (PID) coupled with a gas-chromatographic column (GC-column)
- no carrier gas required
- Integrated micro-computer for graphical control and spectrum analysis
- Keyboard and mouse for stand-alone operation are included
- Measuring time: Approx. 5 minutes (depending on GC-column)
- PC Control and analysis Software ‚PID‘ Version V 1.5.
- Operating temperature: $0 \dots 50^\circ\text{C}$ ($32 \dots 122^\circ\text{F}$)
- Warm-up time: 15 minutes
- Dimensions: 19" unit, 3 HE
- Weight: approx. 7 kg (mobile use up to 5-6 hours)
- Power supply: 230 VAC, optionally: 110 VAC, respectively Li-Ion rechargeable battery for mobile use

PAS Technology Deutschland GmbH
Richard-Wagner-Str. 10 · 99441 Magdala · Germany
phone +49 36454 59933 · fax +49 36454 59935 · email info@pas-tec.com · www.pas-tec.com

Copyright © 2017 PAS Technology Deutschland GmbH, all rights reserved.