

# QHSS-20/100

QUMA

Automatic headspace sampler for 20 samples (with 100 ml).

The QHSS<sup>®</sup>-20/100 works in compare to some other samplers not with a syringe it works in two possible ways: with a gas-sampling valve for injection or with the "fill and inject" method (but with gas sampling valve too).

The valve can be heated up to 350 °C, in this way we can be sure to have no memory effects (e.g. with high boiling point polar components).



## System description:

- 120 ml HSS vials standard.
- Electric actuated 6-way or 4-way injection valve (VICI) Heated up to 350 °C.
- Heated incubation oven for 7 samples (40 °C – 100 °C, in 1 °C-steps) with integrated shaker
- Incubation oven with extern van to work at room temperature too (optional).
- Carrier gas controlled direct from the GC.
- AUX gas controlled by the QHSS<sup>®</sup>-20/100.
- The QHSS<sup>®</sup>-20/100 can be connected to different GCs by a flexible transfer line ("fused silica" transfer line an be installed easily).
- All parameter can be storage in max. 9 files.
- "MHE" technology with 10 steps and single penetration (of the injection needle) is possible.
- Possible additions: second (sampling) valve; addition reactant gas; catalytic converter, ...
- Communication via RS-232, BCD sample code, Ready- and start relays.
- Dimensions approx. W x H x D: 38,5 x 40 x 60 cm<sup>3</sup>.

Order number: QU100.0002

## QUMA

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