

EDU2 Enrichment and Desorption Unit Trap/Thermal Desorption

EDU is a fully automatic sampling and desorption device. The system works as a stand-alone unit performing continuous cycles with the steps sampling, thermal desorption, injection, cleaning and cooling automatically. With the adsorption technique compounds of interest can be adsorbed on the tubes, but also a pre-separation of the compounds of interest during sampling is possible.

Depending on the target substance and the sampling time the detection limit can be improved by some orders of magnitude. Especially when working with an electronic nose as a detector it has the advantage that disturbing or non smelling compounds like water, methane or ethanol are not trapped, permitting a better correlation to human smell perception.



- Better Detection Limits
- Increased Selectivity
- Automatic Cycles from Sampling to Thermal Desorption
- Easy and Fast Exchange of Sampling Tubes
- Stand-alone Unit
- Programmable Device