

multi X[®] 2500 – Effortless Sample Preparation!



Fully automatic sample preparation system for AOX analysis according to the column method

APU 28 – one-channel-system

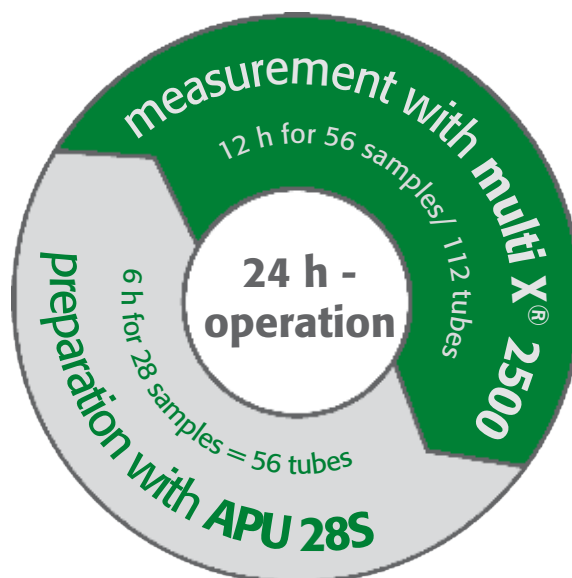
- Automated preparation of up to 28 particle containing samples according to DIN EN ISO 9562
- Individually preselectable sample and washing volumes
- The individual samples are processed strictly sequentially – first samples are available within a few minutes
- Minimal amount of maintenance – thanks to extremely short and direct paths!
- Best suited for overnight operation
- Preparation of 28 samples within approximately 12 hours (with 50 ml sample and 25 ml wash volume)

APU 28S – two-channel system

- A globally unparalleled two-channel system
- Simultaneous processing of 2 samples
- Doubles the speed of sample preparation: the same number of samples can be processed in only half of the time – 28 samples in one cycle without intervention
- Preparation of 28 samples within approximately 6 hours for 24-hour operation with a multi X[®] 2500 and autoX 112

APU 28 SPE – Fully automatic sample preparation system for SPE-AOX analysis

- The system manages the adsorption on the SPE columns, the elution, and the adsorption on the charcoal fully automatically – without any manual intervention
- Suitable also for automatic sample preparation for AOX analysis according to the column method



AFU 3 – Automatic Filtration Unit for processing AOX samples by batch method or column method

- It can simultaneously process up to 3 samples of up to 180 ml volume
- After the adsorption process by shaking, samples can be simultaneously filtered with gas pressure and quantitatively introduced on the frit container using a washing solution
- An inert gas (Ar, N₂) can be used for the filtration process to avoid contamination from ambient air effectively
- An effective alternative to the “classical” membrane filtration
- Can also be used for AOX sample preparation according to column method

APU 2 – Automatic adsorption system for sample preparation for AOX analysis according to the column method

- Simultaneous processing of 2 samples of a volume from 10 ml up to 225 ml
- Sample volumes, washing volume and flow rate are electronically controlled – at easiest user operation
- Multiple washing steps and an automatic self-cleaning process prevent carry over between various and difficult sample matrices effectively
- Particles are transferred to the columns quantitatively
- Usage of duplex columns or triplex columns for samples with high particle load



With the multi X[®] 2500, get to know perfectly harmonized concepts of sample preparation and analysis: AFU 3, APU 2, APU 28, APU 28S, APU 28 SPE

The system greatly minimizes idle time and increases the throughput of AOX samples – you remain flexible and cost-effective.