

AOX Sample Preparation

Take the Fast Lane to Success

Our APU systems minimize downtime while you increase throughput of AOX samples and remain flexible and cost-effective.

- Automated enrichment of up to 28 samples according to column method (ISO 9562)
- Ideal for unattended 24/7 operation
- Extremely robust, suitable for particle-containing and saline samples
- Minimum maintenance effort and downtimes
- Column flexibility – suitable for many brands of AOX columns
- Suitable for AOF sample preparation according to DIN 38409-59 – ultralow system blank



APU 28 connect – Fully automated sample preparation according to column method

APU 28 connect combines usability and speed in AOX sample preparation. The touch display enables easy operation. Parallel sample enrichment allows you to reduce the preparation time in your lab significantly.

- Automatic enrichment of up to 28 samples
- Ideal for unattended and 24/7 operation
- Durable components and materials enable long service lives
- Application versatility – AOF, SPE-AOX, AOX column method

Time-saving SPE-AOX preparation

The SPE option is ideal for saline samples. It enables AOX and SPE-AOX sample preparation with one device, significantly simplifying your AOX routine analysis.

Unlimited flexibility

All APU 28 connect systems can be used with AOX/AOF adsorption columns of other manufacturers. A flexible tray and optimized column holders enable fast and easy processing. We offer consumables and columns for many sample preparation systems. Columns are available in sizes 18 x 6 mm and 40 x 9 mm. Benefit from ultra-low blank values, especially for our AOF columns.



**APU sim –
ideal for small sample series**

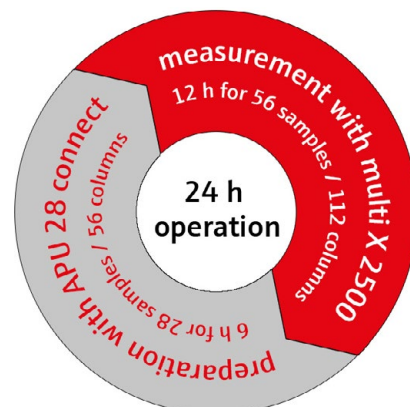
APU sim offers the simultaneous and fast enrichment of up to 6 AOX resp. AOF samples using the column method or semi-automated processing of SPE-AOX samples.

Designed with three enrichment channels, each channel can be operated and started individually. Sample volume, rinse volume, and adsorption rate can be selected separately for each channel. Whether clear or turbid water, the system masters every matrix and stands out with excellent particle handling. Thanks to the large diameters of the hoses and the absence of conventional valve technology, particles are easily transferred to the enrichment columns. The intuitive control panel makes operation easy. APU sim is suitable for columns of all brands up to a total length of 150 mm.



**AFU 3 –
the versatile all-rounder**

The system allows for semi-automated sample preparation of up to three samples according to batch method. It's an effective alternative to the classical membrane filtration as using expensive polycarbonate filters is not necessary. Filtration is done directly into a frit container. The system can be extended easily for semi-automated preparation of up to three samples according to column method.



**multi X 2500 –
an efficient setup for AOX analysis**

The multi X 2500 together with the APU 28 connect and the autoX 112 autosampler allow for the processing of 112 samples in 24-hour operation. The multi X 2500 is universally applicable for the analysis of samples prepared by column or batch method. Other applications include EOX, POX, determination of TOC in wastewater, and TCI in organic solids and liquids.



www.analytik-jena.com/aox-samplepreparation ►

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Subject to changes in design and scope of delivery as well as further technical development!