

APU *sim*

The Clever Sample Preparation System According to Column Method

APU *sim* – Your Benefits:

- Simultaneous enrichment of up to 6 (3 x 2) samples according to DIN EN ISO 9562
- Extremely robust and very good particle handling by avoiding conventional valve technology and using high-quality materials
- Intuitive operation and flexibility in processing
- Minimum maintenance effort



Sample preparation for AOX analysis limits the total throughput of AOX samples in your laboratory? APU *sim* offers the perfect solution for your demands: thanks to simultaneous enrichment up to six samples are prepared and available for your AOX analyzer in next to no time.

Designed with three enrichment channels the system allows comfortable simultaneous preparation of several samples. Each channel takes two samples (columns) and can be operated and started individually. Sample volume, rinse volume and even the adsorption rate can be selected separately for each channel, if required.

The flexibility of the APU *sim* leaves nothing to be desired - just tailor the sample preparation to your needs. An intuitive control panel guides you through the clearly arranged menu levels and makes operation child's play.

Simply pick up or fill the sample, press start, and let the APU *sim* do the work. Whether clear or turbid water, the system copes with every matrix and stands out with a very good particle handling. Thanks to the large diameters of the hoses and the absence of conventional valve technology, particles are transferred easily to the enrichment columns. The fully automatic rinse provides free selection of rinsing volumes.

By the Way

Columns of any size and brand can be easily adapted to the system. That means APU *sim* can be used as sample preparation system for a wide range of AOX analyzers.



APU *sim* – Technical Parameters

- System for sample preparation of AOX samples according to column method
- Simultaneous processing of 6 samples in 3 separate enrichment channels
- Sample volume, rinse volume and adsorption rate freely selectable for each channel
- Sample volume: 5 ml to 100 ml
- Rinse volume (nitrate wash solution): 0 ml to 100 ml
- Adsorption rate: 1 ml / min to 6 ml / min, standard setting according to DIN EN ISO 9562: 3 ml / min
- Semi-automatic processing: Sample filling is done manually, adsorption on activated carbon and rinsing process are fully automatic
- Intuitive one-button operation (Turn & Press) and clear display with symbols and numbers
- Very good particle handling due to large system diameters and no conventional valve technology
- Suitable for duplex and triplex columns (for samples with high particle loads) as well as for columns of all types up to a total length of 150 mm
- Low maintenance, recommended change of pumping hoses 1 x per year
- Sample preparation system applicable for any commercially available AOX analyzer

High-quality materials and workmanship make the APU *sim* a long-lasting partner in your laboratory.

Speed up, increase your AOX sample throughput with a perfect sample preparation system, **APU *sim***, and **save TIME and MONEY!**

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