



APU sim clever sample preparation by column method.

analytikjena
An Endress+Hauser Company

Sample preparation for AOX, AOF, and SPE-EOF analysis limits the total throughput of 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 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

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

APU sim - technical parameters

- System for sample preparation of AOX/AOF samples according to column method and SPE-EOF sample preparation
- 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 once per year
- Sample preparation system applicable for any commercially available AOX and CIC analyzer



[www.analytik-jena.com/
aox-samplepreparation](http://www.analytik-jena.com/aox-samplepreparation)



High-quality materials and workmanship make the APU sim a long-lasting partner in your laboratory. Increase your sample throughput with APU sim and save time and money!



Column flexibility

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 and CIC analyzers.

Explore our full sample preparation portfolio!

Discover additional sample preparation systems for AOX, AOF, and EOF analysis, tailored to different throughput and automation needs. Visit our website by following the link or QR code above.

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Subjects to changes in design and scope of delivery as well as further technical development.
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