

Sample Preparation

EVA IV

Unattended Concentration and Exchange of Organic Solvents

**Maximally facilitates
work with routine samples!**

Ready for Analysis

With the concentrator EVA up to 52 samples can be handled fully automatically in series, sequentially and individually.

It reproducibly concentrates samples from a sample reservoir to an exactly defined end volume 0.4 or 1 mL or resp. 2 or 5 mL - without need to attend the run.

Additionally the solvent can be exchanged (fluid/fluid or to dryness/take-up into other solvent), e.g. for the analysis of PAH from GPC to HPLC solvent.

All-round and flexible

The EVA perfectly fits the needs for sample preparation, e.g. for

- DIN EN ISO 9377-2 (H53 method)
- the analysis of PAH in soil and water
- the analysis of pesticides
- the concentration after the extraction with DIONEX-ASE systems
- and many other work intensive concentration steps.



*Crude sample
extract*



The EVA IV fully automatically concentrates the samples. Additionally the solvent can be exchanged.



*The result: the sample is ready for
injection, e.g. in a GC vial.*

EVA IV at a Glance

- ✓ Reproducible results with high recoveries
- ✓ No cross-contaminations
- ✓ Each sample can be handled individually
- ✓ The system works unattended, even over night or at the weekend
- ✓ There are no emissions, no fume cupboard is needed
- ✓ Noiseless operation
- ✓ No gas supply needed
- ✓ Extremely low need for maintenance



**Reliable sample preparation?
LCTech Products.**

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