

Syringes | MEPS®

Extraction to Injection in a Single Process

MEPS® is Micro Extraction by Packed Sorbent, the miniaturization of conventional SPE packed bed devices from milliliter bed volumes to microliter volumes. The MEPS approach to sample preparation is suitable for reversed phases, normal phases, mixed mode or ion exchange chemistries.

The MEPS Barrel Insert and Needle (BIN) assembly contains the stationary phase, and is built into the syringe needle. Using MEPS requires both a suitable syringe and a MEPS BIN.

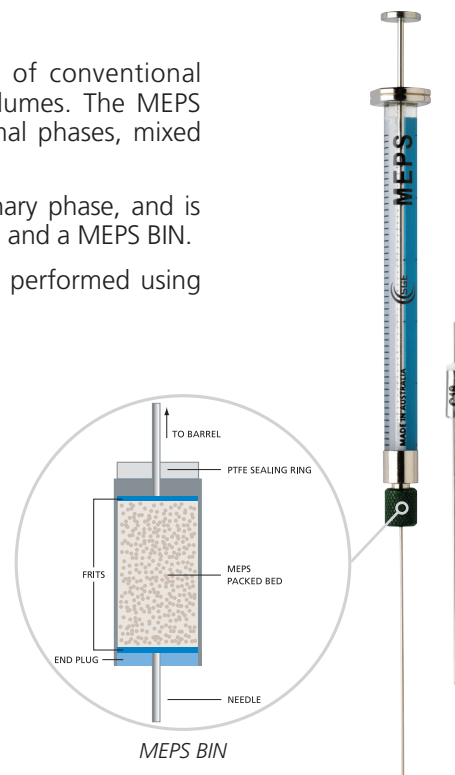
With MEPS, the sample processing, extraction and injection steps are performed using the same syringe.

Features and Benefits

- MEPS syringes are compatible for use with MEPS BINs.
- Save hours in sample preparation.
- Reduce solvent usage and sample volume.

Recommended Applications

SPE method development, and/or proofing before transition to fully automated platforms. Processing small sample batches, or urgent samples.



Product Specifications

- 100 µL and 250 µL removable needle MEPS syringes available to suit a range of autosamplers or can be used manually.
- MEPS syringes are easily identifiable with MEPS printed on the barrel, and a green removable nut.
- MEPS BINs are available separately.

For more information about this product refer to product data sheet PD-1095-G Separations | MEPS BINs, visit www.sge.com or contact techsupport@sge.com.