PRODUCT DATA

Separations | eVol® MEPS® BINs

Every one an expert

eVol® XR digital analytical syringe is the coupling of two precision devices: a digitally controlled electronic drive and an XCHANGE® enabled analytical syringe.

eVol® XR syringes are easily and quickly changed allowing them to be dedicated to individual liquids or methods to prevent possible cross-contamination of reagents.

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.

Features and benefits

eVol® MEPS BINs are compatible for use with eVol Syringes.

The eVol® XR custom programming function enables MEPS (micro SPE) to be semiautomated, reducing errors, and improving reproducibility.

Recommended applications

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

Product specifications

MEPS BINs are available for use with eVol, with C2, C8, C18, Amino-Propyl Silane phases, for LC and GC applications.

MEPS BINs can be used with 50 µL, 100 µL and 500 µL eVol MEPS syringes.

For more information about this product refer to product data sheets:
PD-1013-G Syringes | eVol XR kits
PD-1014-G Syringes | eVol XR
PD-1030-G Syringes | MEPS, PD-1013-G

For more information about this product visit www.trajanscimed.com or contact techsupport@trajanscimed.com

Specifications are subject to change without notice.

Analytical syringes manufactured by Trajan Scientific and Medical are intended for analytical and laboratory use only and are not intended or approved for use with food, including the production or packaging of food, nor medical or human in-vivo use.