



Smart extraction consumables.

SPE CONSUMABLES

Cerex® and Narrow Bore Extraction (NBE) – smart sample preparation for MS workflows

Our suite of solid phase extraction consumables uses microparticulate sorbents with extra small flow paths that ensure greater contact with the analyte molecules as they pass through the sorbent bed. This enables sample matrix components – salts, proteins, fatty acids and phospholipids – to be easily removed. Cleaner samples reduce ion suppression and the number of interfering peaks in LC-MS analysis.

Applications:

- Clinical chemistry: Analyte enrichment for therapeutic drug monitoring, drug screening and steroid analysis workflows
- Life science and pharma
- Food and environmental

The 'SMARTER' extraction column

Our NBE columns have been redesigned to deliver substantial workflow improvements. A patent pending air gap prevents sample flow until positive pressure is applied. This enables on-column digestions and reduces sample transfers for faster turnaround times and less potential for cross-contamination.



Fast sample
prep via
microelution

Unique matrices
for selective
enrichment

High efficiency filter

Suitable for extraction from biological fluids, including plasma, serum, urine, saliva and whole blood. The filtration capacity is equal to that of 1 ml columns.

Narrow Bore ID

Very narrow particle size distribution of 0.25 mm.

Increased extraction efficiency and selectivity with:

- strong cation exchange
- strong anion exchange
- WWP2 water wettable polymer
- OFXQ/OFQC
- Trace-N and Trace-N20 endcapped C18-bonded silicas (the most commonly used stationary phase)

Selective elute and shoot

Elute and shoot: microelution volumes are ready to use for MS analysis, without evaporation.

Optimized for seamless integration

The smart extraction consumables have been optimized to work with our suite of Resolvex positive pressure SPE workstations.

www.tecan.com

Australia +61 3 9647 4100 **Austria** +43 62 46 89 33 **Belgium** +32 15 42 13 19 **China** +86 21 220 63 206 **Denmark** +45 70 23 44 50 **France** +33 4 72 76 04 80
Germany +49 79 51 94 170 **Italy** +39 02 92 44 790 **Japan** +81 44 556 73 11 **Netherlands** +31 18 34 48 17 4 **Singapore** +65 644 41 886 **Spain** +34 93 490 01 74
Sweden +46 8 750 39 40 **Switzerland** +41 44 922 89 22 **UK** +44 118 9300 300 **USA** +1 919 361 5200 **Other countries** +43 62 46 89 33

© 2017 Tecan trading AG, Switzerland, all rights reserved. For disclaimer and trademarks please visit www.tecan.com



TECAN.