QuEChERS Columns

17 mycotoxins at one go!

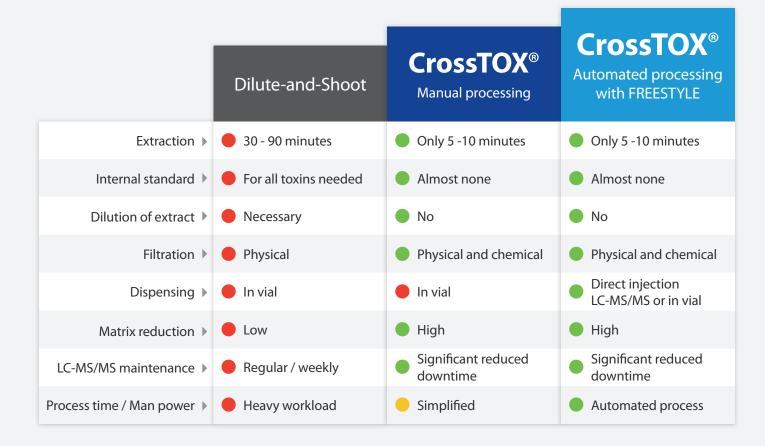
The CrossTOX[®] columns by LCTech allow a high efficient sample clean-up of all regulated plus expected mycotoxins. At the same time, the columns improve the conventional dilute-and-shoot process via an QuEChERS based procedure:

- High purity of extracts due to special sorbents for high matrix binding; no separate filtration
- Significantly less internal standard required due to special affinity mechanism of the columns
- Less cleaning and maintenance of your LC-MS/MS system due to the high purity of the extracts
- Only one column for a wide range of matrices

Catch them all



The CrossTOX[®] columns are suitable for both manual and automated processing. Please find in the following **your advantages compared to the conventional dilute-and-shoot** procedure:





Range of Applications

The range of applications for CrossTOX® is remarkably wide. With only one extraction protocol the columns can be used for all tested* matrices, e.g. cereals, nuts, dried fruits or spices.

The UV-chromatogram shows the very high clean-up efficiency of CrossTOX[®]. The **pink** line represents a wheat sample cleaned via the conventional dilute-and-shoot procedure (syringe filtration). The **black** line represents clean-up via CrossTOX[®].

This shows the substantial improvement using CrossTOX® column clean-up compared to dilute-and-shoot.

*A steadily growing list of all matrices tested so far can be found at: **www.LCTech.de**. We would also be happy to take your feedback on board.

Recovery rates compliant to EN 401/2006





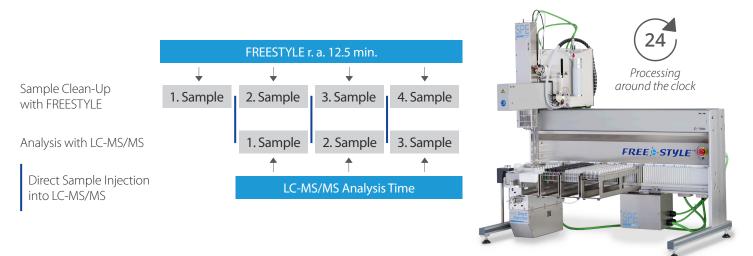


Processing via FREESTYLE

For automated processing of the CrossTOX® columns the FREESTYLE system offers two options:

- from raw extract to cleaned sample or
- from raw extract to chromatogramm (full automation)

In order to realize the highest possible degree of automation, the FREESTYLE SPE robotic system is simply upgraded with an HPLC Direct-Injection module for direct injection into your LC-MS/MS system. This enables the parallelization of clean-up and analysis for up to 120 samples/day and thus to an optimum utilization of your LC-MS/MS system.



C	Ordering Informa	tion
P/N	Description	Pc. / Pck.
17900	CrossTOX [®] Clean-up Columns Manual processing	100 Pc. / Pck.
17901	CrossTOX [®] Clean-up Columns Automated processing	100 Pc. / Pck.
REE	Robotic System FREESTYLE SPE + H	-

We are happy to send you a suitable configuration on request.