



Turboflow columns online sample preparation

Enable your automated, online sample preparation, and effectively remove large molecules

Thermo Scientific™ TurboFlow™ columns enable automated online sample preparation in conjunction with Thermo Scientific™ Aria™, Transcend™ TLX and Prelude™ systems. Turboflow columns allow users to inject complex matrices such as food, plasma, urine and (other biological matrices) directly into the mass spectrometer – without prior sample pre-treatment.

- **Minimize sample preparation** – simplifies complex sample preparation protocols
- **Simplify method development** – uses the same method for different matrices
- **Save time** – injects samples directly into LC/MS system

Turboflow columns effectively remove large molecules, which are the primary interference in biological matrices. These columns are highly efficient at removing proteins based on their size, resulting in high quality data and can be used with Transcend, Aria and Prelude systems.

TurboFlow columns compatible with Transcend, Prelude and Aria systems

Product description	Dimensions	
	1.0 x 50 mm	0.5 x 50 mm
TurboFlow Cyclone Column	CH-952434	CH-953288
TurboFlow Cyclone-P Column	CH-952605	CH-953289
TurboFlow Cyclone MAX Column	CH-952979	CH-953286
TurboFlow Cyclone MCX Column	CH-952813	CH-953287
TurboFlow Cyclone MCX-2 Column	CH-953456	CH-953457
TurboFlow XL Column C18	CH-953244	CH-953280
TurboFlow XL Column C18-P	CH-953275	CH-953281
TurboFlow XL Column C8	CH-953276	CH-953282
TurboFlow XL Column C2	CH-953279	CH-953285
TurboFlow XL Column Fluoro	CH-953277	CH-953283

For more information, or to purchase, please contact your Thermo Fisher Scientific Account Manager

Find out more at thermofisher.com/turboflow

ThermoFisher
SCIENTIFIC