

# New Objective推出微流LC-MS定量的一体产品PicoFuse



This is the Future... This is PicoFuZe®!

If you like electrospray, you'll love nanospray!

New for Turbo Ionspray equipped AB SCIEX mass spectrometers!

PicoFuZe delivers the high performance of nanospray with an easy-to-use format. Ease of use meets high performance!

"The column is the source. The source is the column."

- Shane Needham  
Alturas Analytics

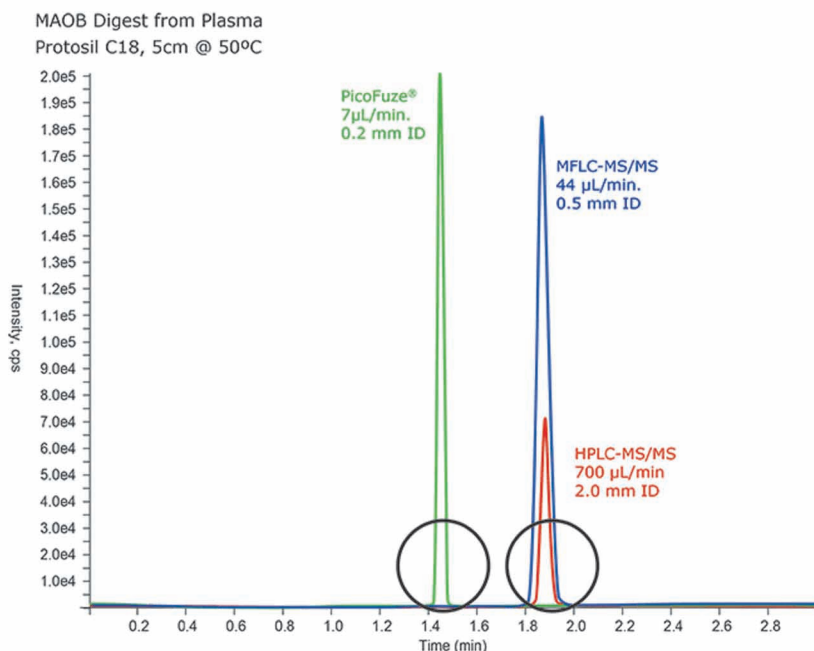
PicoFuZe columns combine proven high-performance of PicoFrit columns with the ease-of-use format of PicoChip columns.



## What is PicoFuZe?

PicoFuZe is a hybrid technology for the AB SCIEX Turbo probe that combines the precision and engineering found in our traditional nanospray PicoFrit consumables with our easy-to-use PicoChip technology. The result is an unprecedented combination of high performance and ease-of-use. This is PicoFuZe! This is the Future!

- Sensitivity, robustness and ease-of-use are critical factors for successful bioanalysis. With the drive for ever more sensitivity, smaller LC formats using lower flow rates are rapidly taking hold. The next generation quantitative biomolecule LC-MS/MS assays are here!
- PicoFuZe leverages our market proven and patented PicoFrit column technology to meet the cycle time and through-put requirements of quantitative bioanalysis. Quantitative nanospray LC/MS is here!
- Low flow ESI (i.e., nanospray) has consistent analytical performance benefits compared to conventional ESI.
- The PicoFuZe format eliminates post-column volume. Peak shape and chromatographic fidelity are preserved. Why throw away the separation you worked so hard to achieve inside long lengths of tubing and multiple connections?
- PicoFuZe columns can be packed with any of our premium chromatographic media.
- Every PicoFuZe column essentially contains a brand-new ESI source probe. Don't ever worry again about having to manually replace a tiny, fragile metal ESI needle, thread fused-silica through a hole you can't see, or trying to make all "perfect" connections after your LC column. Maintain your productivity! The source is the column, the column is the source.



The Source = The Column

The Column = The Source = Column Heater

At left, PicoFuZe data generated from a column right out of the box. PicoFuZe places the column inside the probe, thus eliminating the need for separate column and column heater. The heated nature of the probe uniformly heats the PicoFuZe column inside.

Data courtesy of  
Shane Needham of Alturas Analytics.  
<http://www.alturasanalytics.com/>

PicoFuZe开创了低流速定量分析的新方向，使现有LC-MS对复杂生物样品的分析能力上到一个新的台阶。

PicoFrit, PicoChip, and PicoFuZe columns are available packed with any of our available premier chemistries. Please contact New Objective for more information on any configuration not listed here. PicoFrit, PicoChip, and PicoFuZe columns are manufactured under U.S. Patents 5,997,746 and 6,190,559 and are sold for use under license of U.S. Patent 5,572,023. Other patents pending.

[www.lumtech.com.cn](http://www.lumtech.com.cn)

北京绿绵科技有限公司

北京总部 北京市海淀区北四环西路68号左岸工社806-807室(100080) 电话: 010-8267 6061/2/3/4/5/6/7 传真: 010-8267 6068

杭州技术中心 浙江省杭州市华星路嘉绿青苑5栋3单元201室(310012) 电话: 0571-8890 2371/2372/2395 传真: 0571-8717 8257

上海办事处 上海市徐汇区82号光大会展中心E座2601、2603室(200235) 电话: 021-6432 0661 传真: 021-6432 0670

西安办事处 陕西省西安市碑林区友谊东路81号天伦盛世大厦2号楼905室(710054) 电话: 029-8523 6958 传真: 029-8523 6958-802

郑州办事处 河南省郑州市花园路39号郑州国贸中心2-2-606室(450000) 电话: 0371-87095687 传真: 0371-65713275



400-810-8267



绿绵科技  
Lumiere Tech Ltd.