

## M3 EMITTER



# ENHANCE MASS SPECTROMETRY PERFORMANCE **10X+**

## ENABLING PRECISION MEDICINE

Award-winning multinozzle emitter technology empowers mass spectrometry through integration and miniaturization. The silicon microfluidic chip splits the incoming flow evenly into multiple smaller streams, thereby dramatically enhancing the ionization efficiency to achieve unprecedented sensitivity, robustness, and throughput.

✓ • **ROBUST, CLOG-RESISTANT**  
 MULTINOZZLE DESIGN, SILICON MATERIAL

✓ • **HIGH-THROUGHPUT**  
 ENABLING MICROFLOW LC-NANOSPRAY MS

✓ • **HIGHLY SENSITIVE**  
 FLOW SPLITTING IMPROVES THE IONIZATION EFFICIENCY

✓ • **PLUG-AND-PLAY, EASE OF USE**  
 INTERFACING TO MASS SPECTROMETERS TAKES MINUTES

✓ • **REUSABLE**  
 CAN BE USED REPEATEDLY FOR LC-MS RUNS

✓ • **10 TIMES+ PERFORMANCE VS. CONVENTIONAL EMITTERS**

✓ • **DIFFERENT, PRECISE EMITTER SIZES AVAILABLE:**  
 (I.D. 5, 10 MICRONS AND MORE)

✓ • **DIFFERENT NOZZLE NUMBERS AVAILABLE** (5, 8 AND 16 NOZZLES PER EMITTER)

✓ • **A WIDE RANGE OF FLOW RATES**  
 (FROM NANOFLOWS TO MICROFLOWS)

✓ • **COMPATIBLE WITH DIVERSE MASS SPECTROMETERS FROM LEADING VENDORS**