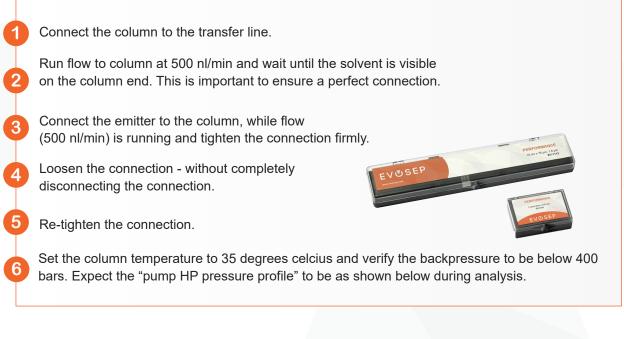
## EVOSEP Whisper<sup>TM</sup> step-by-step guide

## Spray stability is essential for ultra-sensitive proteomics

High spray stability is important for standard proteomics applications, but absolutely crucial for exploring the potential of our Whisper Flow Technology for ultra-sensitive applications. As the electrospray ionization efficiency is concentration dependent, we achieve the highest sensitivity at low flow rates utilized with our EVOSEP+ Whisper methods. The methods are specifically designed for our EV-1112 performance column and EV-1111 fused silica emitters (or a similar 10 µm emitter, such as the 1865691 Captive Spray ZDV Emitter from Bruker). However, the expected chromatographic performance in terms of peak shape and peak width is dependent on correct assembly of these parts.

## **STEP-BY-STEP GUIDE**



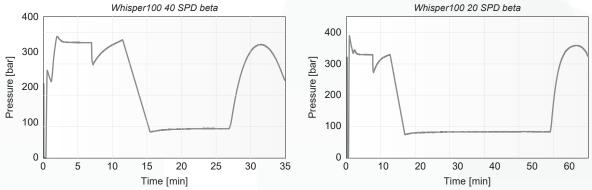


Figure 1: Pump HP pressure profile of the Whisper100 20 SPD beta and Whisper100 40 SPD beta methods

EVUSEP