



EASY-Spray		Nanospray Flex	
			
<ul style="list-style-type: none"> • Dedicated effortless solution • Robust state-of-the-art performance 		<ul style="list-style-type: none"> • Versatile and flexible platform • Use all combinations of columns and emitters 	
Performance			
ES803 (50cm) has peak capacity > 600 (Mechtler et al. PMID: 21388192)	Resolution	Column dependent	
Excellent and easily achievable due to the fully enclosed chamber	Signal to noise	Reasonable, 3 rd party add-ons may improve S/N.	
Good performance right out of the box	Intensity	Excellent but requires care and experience,	
Up to 1000 bar	Pressure range	Column and fitting dependent	
50nl/min – 2µl/min	Flow range	20nl/min – 2µl/min	
Excellent, owing to the factory fitted high-voltage union	Spray stability	Emitter and fitting dependent	
Improved by built-in temperature control.	RT RSD		
Features			
1	Cameras	2	
30-60°C	Temperature control	N/A	
Limited travel.	XYZ control	Wide travel in all directions.	
Only done at source installation due to high production precision of sprayers.		Angle of emitter inclination can additionally be controlled	
Usability			
Self-explanatory	Installation	Easy	
Plug and spray	Ease of use	Requires care and experience	
Limited to available column selection	Flexibility	Full, allowing all combinations of columns and emitters	
Key message			
<p>“The optimization and reproducibility achievable by years of nanospray experience are built into the device. Heated UHPLC 50 cm column chromatography was not easy until now!”</p> <p style="text-align: right;">Paul Taylor, Laboratory Manager, Hospital for Sick Children, Toronto, Canada</p>		<p>“It provides excellent nano-flow interfacing for many mass spectrometers. The system is rugged, accessible and complete.”</p> <p style="text-align: right;">Ronald A. Miller, Research Biochemist, Merck Research Laboratories</p>	