

Bruker Daltonics UltrafleXtreme MALDI TOF/TOF Mass-spectrometer
Specifications

Item			
Detection Mode	Linear Mode	Linear protein mass resolution on mass 12361 Da (Cytochrome C)	1200 m/dm
		Linear protein mass resolution on mass 44613 Da (Protein A)	600 m/dm
		Linear sensitivity for 500 fmole of mass 66 kDa (BSA)	S/N: 100/1
		Linear mass accuracy for proteins: Internal calibration error on 12361 Da (Cytochrome C)	50 ppm
		Linear mass accuracy for proteins: External calibration error on 12361 Da (Cytochrome C)	60 ppm
	Reflector Mode	Reflector peptide mass resolution 3147 Da (Somatostatin 28)	40000 m/dm
		Reflector sensitivity for 250 amole of mass 1570 Da (Glu-Fib)	S/N: 200/1
		Reflector mass accuracy for proteins: Internal calibration error on 1619 Da (Bombesin)	2 ppm
		Reflector mass accuracy for proteins: External calibration error on 1619 Da (Bombesin)	5 ppm
	Lift Mode	Lift sensitivity of 250 amole 1570.68 Da (Glu-Frib) measured on fragment 1056 Da	S/N: 20/1
		Lift mass accuracy on 1570.68 Da (Glu-Fib)	0.05 Da