static fields mass spectrometer

An instrument which can separate selected ion beams with fields which do not vary with time. The fields are generally both electric and magnetic.

Source:
PAC, 1991, 63, 1541 (Recommendations for nomenclature and symbolism for mass spectroscopy (including an appendix of terms used in vacuum technology). (Recommendations 1991)) on page 1546
Orange Book, p. 202