

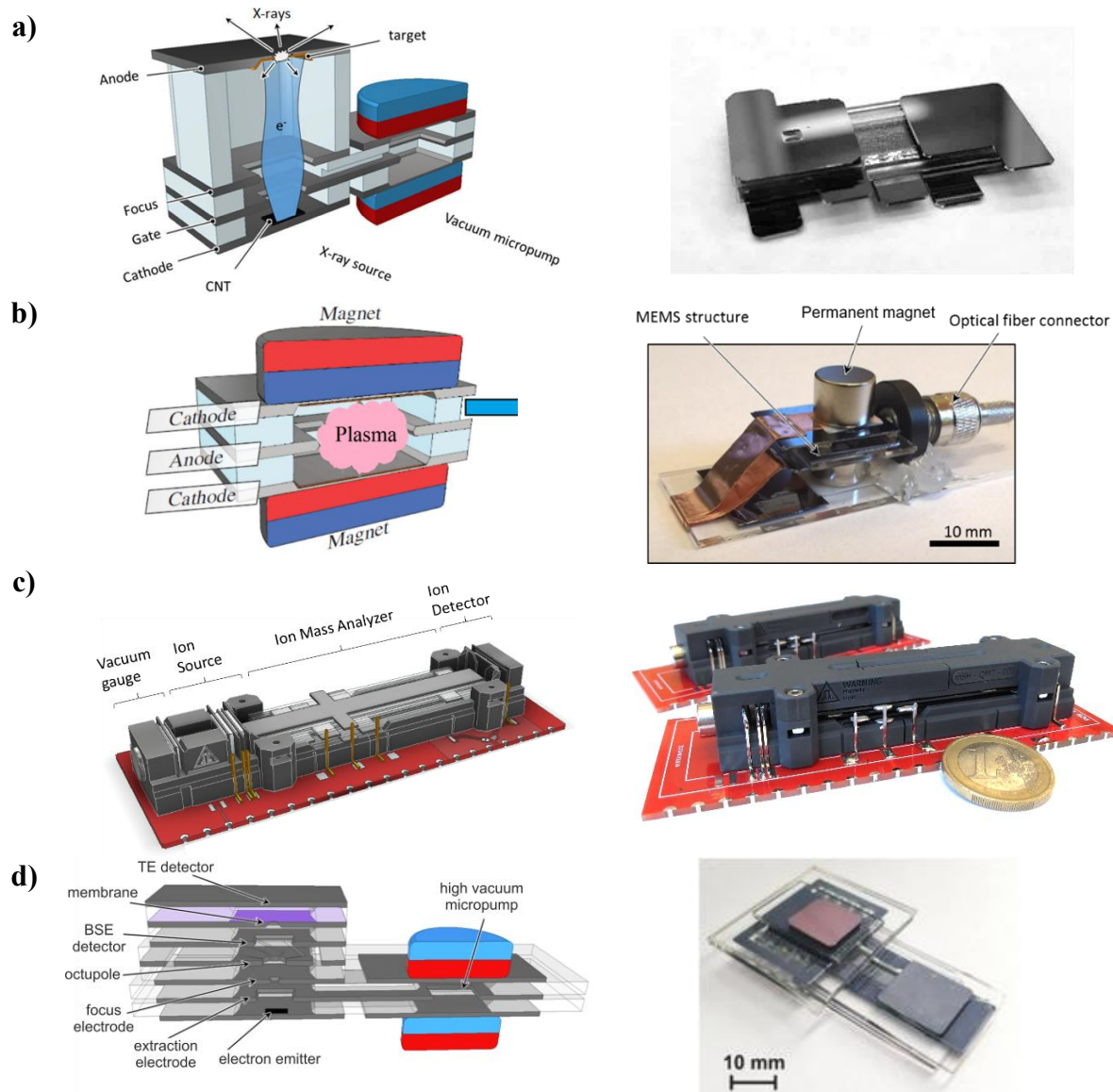


Fig. 1. Family of high vacuum MEMS analytical instruments (schematics – left column, real instruments – right column): a) MEMS X-ray source, b) MEMS plasma spectrometer, c) MEMS mass spectrometer, d) MEMS scanning electron microscope.