



MT Explorer 30 (MTE30) Ion Trap Mass Spectrometer

SPECIFICATIONS

Mass analyzer type:	3D quadrupole ion trap
Mass range:	35 up to 2,000 Da
Mass resolution:	better than 0.5 Da
Mass accuracy:	better than 0.25 Da
Mass scan rate:	up to 4,000 Da/sec
Throughput rate:	up to 5 spectra/sec
MS/MS and MS ⁿ capability:	available
Ion modes:	positive and negative
Source of buffer gas:	metal hydride container (no compressed gas cylinder used)
Atmospheric pressure interface:	heated capillary - up to 300°C
Ion sources available:	ESI, nanoESI, APCI, secondary ESI, AP-MALDI, DART, SICRIT
Control station:	laptop PC
Communications:	TCP/IP Protocol
Power consumed:	90-264 VAC power adapter; or 24VDC battery (ordered separately); 250 W max (MS only)
Dimensions:	22cm(W) x 31cm(H) x 33cm(L)
Weight:	17 kg (MS only)
Transportation:	a wheeled protective case 30cm(W) x 42cm(H) x 55cm(L)