

# MT Explorer 50

A Next Generation Mass Spectrometer  
Portable / Field Deployable

## Features:

API for interfacing ESI, AP-MALDI, APCI, and others

Mode of operations: MS and MS<sup>n</sup>

Mass range: 30-2500 Da

Scan rate: 1,000 to 8,000 Da/sec

Resolution: Up to 6,000@2,000 Da & 4,000 Da/sec

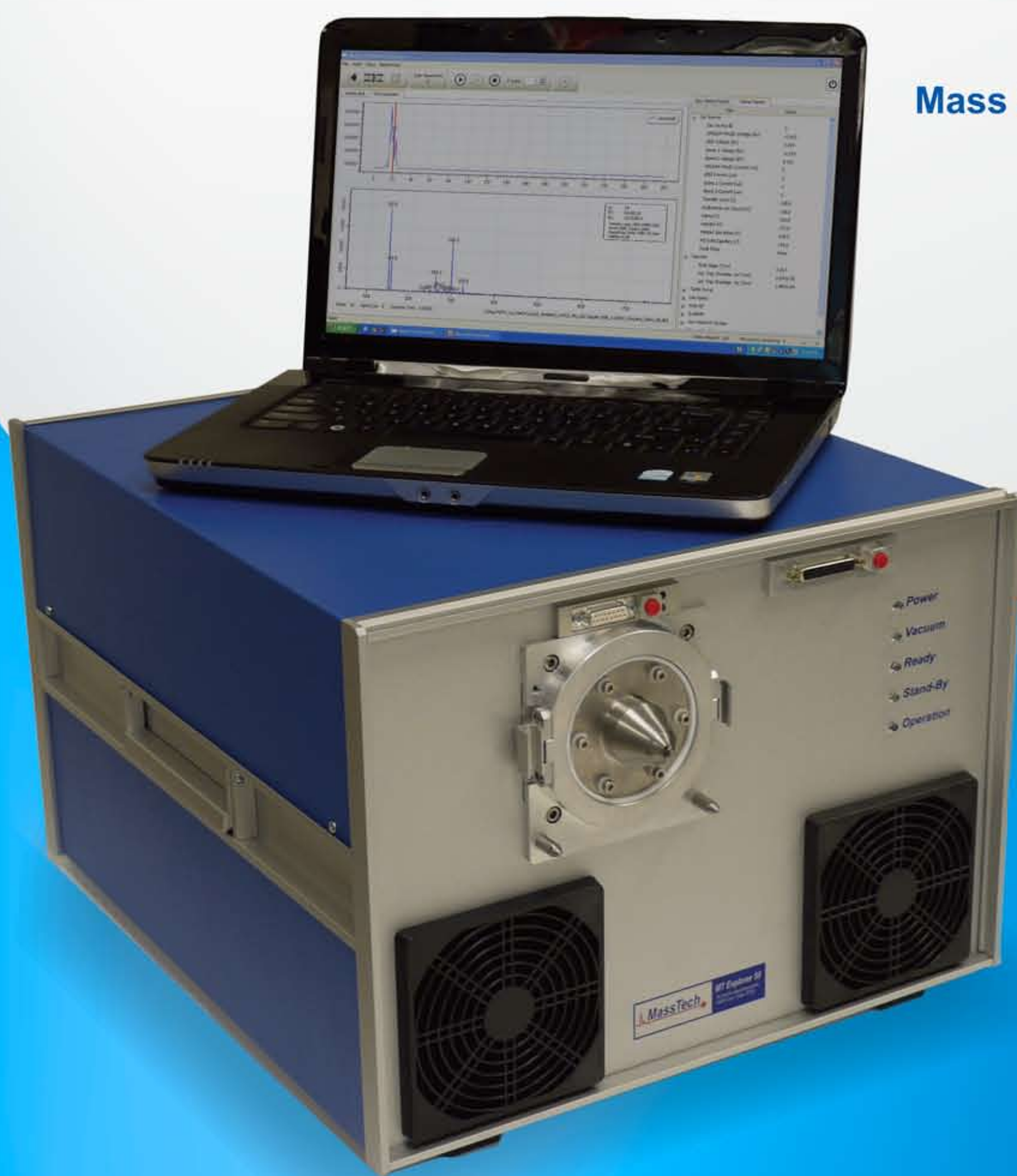
Mass accuracy: Up to 0.3 Da

Weight: 75 lbs

(without laptop)

Dimension: 12" x 17" x 20"

Power: AC/DC



**Ion Trap  
Mass Spectrometer**

## Applications:

Structure elucidation

Chemical, Biological Identification

Pharmaceuticals

Environmental samples

Foods and fragrances

Other samples (peptides, proteins, carbohydrates, lipids, polymers, etc.)

Mass spectrometric imaging

## Advantages:

Field use

Compact

Desktop performance

Multiple software applications