

Real-time science solutions.

WALKABOT™

The Walkabot system is designed to mobilize your AutoDART-96 enabling movement of your DART capability between different LC/MS instruments in your laboratory or elsewhere in your company. Walkabot gives you the potential to complete high resolution accurate mass analysis with your JEOL AccuTOF™ in the morning and quickly move on to MS/MS with your triple quadrupole instrument in the afternoon.

We understand that many instruments in your laboratory provide unique information about samples that you routinely analyze. We also know that moving these instruments is not an option. The Walkabot provides you the means to reposition your desorption ionization source in minutes in front of the instrument you need to use to solve your problem. The use of “electric table” technology provides the means to raise or lower the source to align with your atmospheric pressure inlet (API) of your mass spectrometers. Alignment of the instrument is completed by matching docking components from your lab bench with the Walkabot dock. Ions are transferred from the ionization region of the source to your mass spectrometer through one of our custom ion guides designed to suit your application and instrument configuration.

Configurations

Walkabot-IT includes:

- Mobile “electric table”
- Laser light guide for table positioning
- Customized ion transfer tube for DART applications

Walkabot-GIST includes:

- IT configuration components
- Customized “Gas Ion Separator” transfer technology — recommended for use in analysis of mixtures and biological samples.
- Ideal for applications with alternate surface ionization sources.

Ionization sources, and sample robotics must be purchased separately.

Integration with DART source provided with purchase.

Integration with AutoDART Sampler handler provided with purchase



Everything you need for Desorption Ionization in one convenient place.



Moves easily between LC/MS systems in your laboratory



Sample from a variety of containers, including your reaction flask