

# Real-time science solutions

## DART<sup>®</sup> 100S

Our original **D**irect **A**nalysis in **R**eal **T**ime source for mass spectrometry has been upgraded by the addition of our new production SVP Controller and “Green Technology” Cartridge.

The new controller simplifies operation of the DART by reducing the parameters you need to set for your experiment to gas type, gas temperature and ion polarity. The instrument connects directly to the PC using an Ethernet port (or optional USB to Ethernet adaptor). DART instrument control software is accessed from a web browser, which means that there is no software to install and all operating systems are supported.

### What does SVP mean for your laboratory?

Method development is straightforward with the SVP since preselected conditions for voltage, gas pressure, gas flow and grid potential are used to simplify operation. All you need to do is select a temperature for desorption ionization, and position your sample for near instant analysis. The controller also lets you monitor and change experimental conditions while your samples are running.

### Cost Saving Features

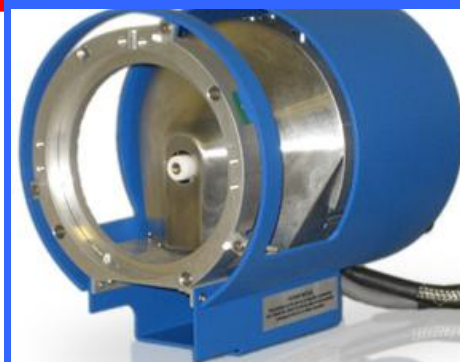
- DART gas ON/OFF starts gas flow when you need it and stops when the experiment ends conserving gas and power
- High voltage power supply provides peak voltage to ignite discharge, then delivers high current at low voltage using less energy
- Enables the use of nitrogen as an alternative DART gas when used with our “Green Cartridge Technology”

### Go Wireless

Control your instrument from an iPod touch with the optional wireless package. Our custom app puts control of all the DART features in the palm of your hand.

For more details visit our web site at [www.ionsense.com](http://www.ionsense.com) and select the Products tab. For a quotation or additional information email a request to [info@ionsense.com](mailto:info@ionsense.com)

DART 100S is available for LC/MS instruments from AB SCIEX, Agilent, Bruker, JEOL, Thermo and Waters.



Original DART 100



SVP Controller front view



DART 100 S with SVP Controller mounted on Waters ZMD



**ionSense**<sup>™</sup>  
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