



IonSense Product MS Compatibility Chart

MS Instruments	DART					ASAP		Automation ¹⁸		Add-Ons		Experiment Modules							
	DART-SVP	DART-OS	DART-Qda (Auto)	DART-HT	DART Vapur Flange	ASAP	ASAP Interface	L	R	SVP-7000s ⁵	SVP-Wireless ⁶	Does not require Automation			Requires Automation			Requires 2nd Linear Rail	
												OpenSpot-Module	Thermal Desorber (TD)	IonRocket	SVP-70003, SVP-40001, SVP-45A, SVP-70007, SVP-70004, SVP-70008, SVP-70006 ⁹ , SVP-40002	SVP-3Ds ⁹	SVP-70018 HT Scanner ⁹		
JEOL AccuTOF	• ²	• ²			SI-610-GIST ³	• ¹²	AS-600-A	•		•	•	•	•	•			•		
Agilent 6000 Series	•	•		•	SI-300-GIST	• ¹²	AS-300-A		•	•	•	•	•	•	•		•	•	
1100 Series / IonTrap / MSD	•	•		•	SI-300-GIST	• ¹²	AS-300-A		•	•	•	•	•	•	•		•	•	
Thermo LCQ - Classic / Deca ¹⁴	Contact IonSense									•	•	•	•	•			•	•	
LCQ - Deca XP / XP+ / Advantage / Duo ¹⁴	Contact IonSense									•	•	•	•	•			•	•	
LTQ - XL / FT Ultra / LCQ Fleet	•	•		•	SI-140-GIST	• ¹²	AS-140-A	•	• ⁴	•	•	•	•	•			•	•	
Orbitrap - XL / Elite / Velos Pro	•	•		•	SI-140-GIST	• ¹²	AS-140-A	•	• ⁴	•	•	•	•	•			•	•	
Exactive / Exactive Plus / QExactive	•	•		•	SI-140-GIST	• ¹²	AS-140-A		•	•	•	•	•	•			•	•	
TSQ Quantum Access Max	•	•			SI-140-GIST	• ¹²	AS-140-A	•		•	•	•	•	•			•		
TSQ Quantum - Discovery Max / Ultra / Vantage		•			SI-140-GIST	• ¹²	AS-140-A			•	•	•	•	•					
LCQ MAX	•	•		•	SI-160-GIST			•		•	•	•	•	•			•	•	
Quantiva / Endura / Fusion / Quantis / Altis / Fortis	•	•		•	SI-150-GIST	• ¹²	AS-150-A	•		•	•	•	•	•			•	•	
2020 ¹⁹	•	•		•	SI-800-GIST	•	AS-800-A	•		•	•	•	•	•			•	•	
Shimadzu 8030 / 8040	•	•			SI-810-GIST	•	AS-810-A			•	•	•	•	•			•	•	
IT-TOF	•	•			SI-820-GIST				•	•	•	•	•	•			•		
8050 / 8060 / 8045 / 9030	•	•			SI-830-GIST				•	•	•	•	•	•			•		
Waters XEVO - QToF / G2 Qtof / TQ MS / TQD / G2 ToF / ToF / TQ-S / SQD2 / Vion	•	•		•	SI-530-GIST				•	•	•	•	•	•			•	•	
XEVO Synapt G2 / G2-XS / G2 - Si	•	•		•	SI-530-GIST				•	•	•	•	•	•			•	•	
XEVO Synapt G2-S ¹⁵	•	•		•	SI-530-GIST				•	•	•	•	•	•			•	•	
XEVO G2-S QToF / ToF ¹⁶	•	•		•	SI-530-GIST				•	•	•	•	•	•			•	•	
ZQ				•	SI-540-GIST	•	AS-540-A		•	•	•	•	•	•			•	•	
LCT Premier	Contact IonSense					•	AS-540-A	•	• ⁴	•	•	•	•	•			•	•	
Quattro Premier / QToF Premier / Synapt				•	SI-560-GIST	•	AS-560-A		•	•	•	•	•	•			•	•	
QDa ⁸			•		included	•			•	•	•	•	•	•			•	•	
AB SCIEX 3200 / 4000 / 5000 ¹⁰	• ²	•			SI-200-GIST	•	AS-200-A		•	•	•	•	•	•			•	•	
4500 / 5500 ¹⁰	•	•		•	SI-200-GIST	•	AS-200-A		•	•	•	•	•	•			•	•	
4600 / 5600 / 5600+ ^{10, 11}	•	•		•	SI-200-GIST	•	AS-200-A	•	• ⁴	•	•	•	•	•			•	•	
6500 / 6500+ / 6600 ¹⁰	•	•		•	SI-200-GIST		Contact IonSense	•	• ⁴	•	•	•	•	•			•	•	
Bruker ²⁰ Amazon / MicroTOF / MicroTOF-Q / Maxis	•	•		•	SI-410-GIST	•	AS-410-A		•	•	•	•	•	•			•	•	
Compact, Impact II, Maxis II, MicroTOF QII	•	•		•	SI-410-GIST			•	• ⁴	•	•	•	•	•			•	•	
Solarix FT-MS	•	•			SI-410-GIST				•	•	•	•	•	•			•	•	
Apex ¹⁰	•	•			SI-420-GIST ¹⁷				•	•	•	•	•	•			•	•	

¹ pictures required to confirm correct setup	⁶ Not available for ASAP	¹² •AccuTOF requires APCI source housing •Agilent requires APCI only source housing (dual mode not compatible) •Thermo IonMax require the APCI Corona Needle Adapter kit and either the HESI or APCI probe to be installed on the source. See Page 30 of the following manual at: https://tools.thermofisher.com/content/sfs/manuals/Man-80000-97010-Ion-MAX-NG-EASY-Sources-User-Man8000097010-EN.pdf . for more information. The ASAP kit is installed where the APPI normally goes (page 34).	¹⁴ 3/8" barbed fitting on underside of MS interface required. IonSense does not provide this.	¹⁹ DART install requires front door of MS to be remain open or be removed entirely
² requires mounting ring JVLC-AccuTOF-A (included)	⁸ Requires QDa Performance Version PN: 176003208			²⁰ Bruker MS may require special positioning of instrument on benchtop, or a separate table/cart, to accommodate DART placement. See Site Requirements Document for details on controller placement
³ only required for use with SVP-3DS, HT Scanner, SVP-3DS-PKG, and OpenSpot Module	⁹ requires SVP-45A			Image of Instrument placement on benchtop requested
⁴ preferred automation setup	¹⁰ requires images of MS interface area with source and curtain plate removed		¹⁵ Serial Number UEC 223 and below may require a 0.35mm inlet cone ¹⁶ Serial Number YDA 160 and below requires 0.35mm inlet cone. Provided by IonSense	
⁵ only required if Vapur flange in use	¹¹ TripleTOF systems with SelexION cannot support the DART		¹⁷ Non-stock flange. Made to order	
			¹⁸ The geometries of each MS instrument necessitate either a left or right oriented setup. Some instruments can accept either, but will still have a preferred setup.	