



IonSense Product MS Compatibility Chart

	MS Instruments	DART				ASAP		Automation ¹³		Add-Ons		Experiment Modules						
		DART-SVP	DART-OS	DART-Qda (Auto)	DART Vapor Flange	ASAP	ASAP Interface	L	R	SVP-70005 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 ³ , SVP-40002		SVP-3DS ⁹	SVP-70018 HT Scanner ⁹
JEOL	AccuTOF	• ²	• ²		SI-610-GIST ³	• ¹²	AS-600-A	•		•	•	•	•	•			•	
	6000 Series	•	•		SI-300-GIST	• ¹²	AS-300-A			•	•	•	•	•	•		•	•
Agilent	1100 Series / IonTrap / MSD	•	•		SI-300-GIST	• ¹²	AS-300-A			•	•	•	•	•	•		•	•
	LCQ - Classic / Deca ¹⁴				SI-100-GIST			•		•	•	•	•	•	•		•	•
Thermo	LCQ - Deca XP / XP+ / Advantage / Duo ¹⁴	Contact IonSense			SI-110-GIST			•		•	•	•	•	•	•		•	•
	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	•	•		SI-150-GIST	• ¹²	AS-150-A	•		•	•	•	•	•	•		•	•
	2020	•	•		SI-800-GIST	•	AS-800-A	•		•	•	•	•	•	•		•	•
	8030 / 8040	•	•		SI-810-GIST	•	AS-810-A		•	•	•	•	•	•	•		•	•
Shimadzu	IT-TOF	•	•		SI-820-GIST					•	•	•	•	•		•	•	
	8050	•	•		SI-830-GIST					•	•	•	•	•		•	•	
	8060	•	•		SI-830-GIST					•	•	•	•	•		•	•	
	XEVO - QToF / G2 Qtof / TQ MS / TQD / G2 ToF / ToF / TQ-S / SQD2	•	•		SI-530-GIST					•	•	•	•	•	•		•	•
Waters	XEVO Synapt G2	•	•		SI-530-GIST					•	•	•	•	•		•	•	
	XEVO Synapt G2-S ¹⁵	•	•		SI-530-GIST					•	•	•	•	•		•	•	
	XEVO G2-S QToF / ToF ¹⁶	•	•		SI-530-GIST					•	•	•	•	•		•	•	
	XEVO G2-XS / G2-Si	•	•		SI-530-GIST					•	•	•	•	•		•	•	
	ZQ				SI-540-GIST	•	AS-540-A			•	•	•	•	•		•	•	
	LCT Premier				SI-540-GIST	•	AS-540-A	•	• ⁴	•	•	•	•	•		•	•	
	Quattro Premier / QToF Premier / Synapt	Contact IonSense			SI-560-GIST	•	AS-560-A			•	•	•	•	•		•	•	
AB SCIEX	QDa ⁸			•	included					•	•	•	•	•		•	•	
	3200 / 4000 / 5000 ¹⁰	• ²	•		SI-200-GIST	•	AS-200-A			•	•	•	•	•		•	•	
	4500 / 5500 ¹⁰	•	•		SI-200-GIST	•	AS-200-A			•	•	•	•	•		•	•	
	4600 / 5600 / 5600+ ¹⁰	•	•		SI-200-GIST	•	AS-200-A	•	• ⁴	•	•	•	•	•		•	•	
	6500 / 6500+ / 6600 ¹⁰	•	•		SI-200-GIST		Contact IonSense	•	• ⁴	•	•	•	•	•		•	•	
Bruker	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

² requires mounting ring JVLC-AccuTOF-A (included)

³ only required for use with SVP-3DS, HT Scanner, SVP-3DS-PKG, and OpenSpot Module

⁴ preferred automation setup

⁵ only required if Vapor flange in use

⁶ Not available for ASAP

⁸ Requires QDa Performance Version PN: 176003208

⁹ requires SVP-45A

¹⁰ requires images of MS interface area with source and curtain plate removed

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/Man8000097010-EN.pdf> for more information. The ASAP kit is installed where the APPI normally goes (page 34).

¹³ 3/8" barbed fitting on underside of MS interface required. IonSense does not provide this.

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

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.