DART-200 MS Compatibility Chart

| MS Instruments | DART | | | | | ASAP | | Automation[18] | | Add-Ons | | Experiment Modules | | | | | |
| | | | | | | | | | | | | Does not require Automation | | | Requires Automation | Requires 2nd Linear Rail | |
	DART-SVP	DART-OS	DART-Qda (Auto)	DART-HT	DART Vapur Flange	ASAP	ASAP Interface	L	R	SVP-45A	SVP-Wireless[6]	OpenSpot Module	Thermal Desorber (TD)	IonRocket	SVP-70003, SVP-40001, SVP-70007, SVP-70004, SVP-70008, SVP-70006[9], SVP-40002, SVP-70009, SVP-70010	SVP-3DS[9]	SVP-70018 HT Scanner
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]			•		SI-100-GIST			•		•	•	•			•	•	•
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 / Quantis / Altis / Fortis / Orbitrap ID-X / Exploris 480	•	•	•		SI-150-GIST	•[12]	AS-150-A[21]		•[4]	•	•	•	•		•	•	
Shimadzu 2020[19]	•	•	•		SI-800-GIST	•	AS-800-A			•	•	•	•	•	•	•	
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_		•		SI-540-GIST	•	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	•[23]	AS-200-A			•	•	•			•	•	
4500 / 5500[10]	•	•	•		SI-200-GIST	•[23]	AS-200-A			•	•	•			•	•	
4600 / 5600 / 5600+[10,11]	•	•	•		SI-200-GIST	•[23]	AS-200-A	•	•[4]	•	•	•		•	•	•	•
6500 / 6500+ / 6600[10]	•	•	•		SI-200-GIST	•[23]	AS-200-A		•[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]					•	•	•			•	•	

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[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).
[2] requires mounting ring JVLC-AccuTOF-A (included)	[8] Requires QDa Performance Version PN: 176003208	
[3] only required for use with SVP-3DS, HT Scanner, and OpenSpot Module	[9] requires SVP-45A	
[4] preferred automation setup	[10] requires images of MS interface area with source and curtain plate removed	[14] 3/8" barbed fitting on underside of MS interface required. IonSense does not provide this.
	[11] TripleTOF systems with SelexION cannot support the DART	[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 still have a preferred setup.

[19] DART install requires front door of MS to be remain open or be removed entirely

[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

[21] Compatible with the OptaMax sources

[23] ASAP is compatible with the TurboV and IonDrive TurboV sources from Sciex. All the Sciex instruments come standard with the TurboV, except the 6500/6500+ which come standard with the IonDrive version. The 6600 has the option of having the IonDrive version. The TurboV for X500 source, is not compatible