

Top Supplies to Optimize Your LC/MS Workflow

Agilent technical experts have compiled a list of recommended supplies that you should consider using with your new instrument in order to keep your lab operational without any disruptions and to achieve optimal performance.

6470/6495 Triple Quadrupole LC/MS



6470A QQQ LC/MS






6495C QQQ LC/MS

6545 Quadrupole Time of Flight LC/MS




6545 LC/Q-TOF

G2571-80103	Electron Multiplier Replacement Horn
G1960-80060	Fast Switch Capillary, FS, 0.6 mm ID, for 6420, 6460, and 6470 LC/MS  (Top Recommendation)
G7604-60000	Ion Injector, 180 mm, 0.6 mm ID, Dielectric, for 6420, 6460, and 6470 LC/MS  (Top Recommendation)
G1964-80659	Capillary, 6-Inlet, 0.61 mm x 90 mm, 1G, for 6495C and 6550 LC/MS  (Top Recommendation)

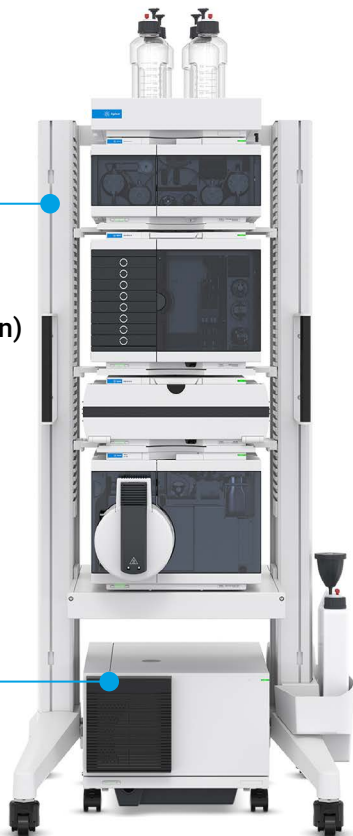
G1960-80060	Fast Switch Capillary, FS, 0.6 mm ID  (Top Recommendation)
G7604-60000	Ion Injector, 180 mm, 0.6 mm ID, Dielectric  (Top Recommendation)

Agilent Ultivo Triple Quadrupole LC/MS

6550 iFunnel Quadrupole Time of Flight LC/MS

- **G6015B*** Agilent InfinityLab Flex Bench MS  (Top Recommendation)


- **G6011B** Quiet Cover MS, for MS40+ Pump



Agilent Ultivo QQQ LC/MS




6550 iFunnel Q-TOF LC/MS

- G1964-80659** Capillary, 6-Inlet, 0.61 mm x 90 mm, 1G  (Top Recommendation)

- G2571-80103** Electron Multiplier Replacement Horn



- G6301-80004** Ultivo Ion Injector  (Top Recommendation)





*with power strip, available in regions except Asia Pacific. For Asia Pacific please use part number for bench without power strip: **G6015A**  (Top Recommendation)

General LC/MS workflow supplies recommendations

Part Number	Description	Recommended Quantity	Reason to Use	Product Family	
RMSN-4	Big Universal Trap, Nitrogen, 1/4 in, 250 psig	2	2 traps are required in many of the applications for the nebulizer needle. Depending on N2 quality, replaced every 6 months	Gas Management	
RMSN-2	Big Universal Trap, Nitrogen, 1/8 in, 250 psig	1	For collision gas	Gas Management	
6040-1444	AVF 60 Gold Oil	2	For the MS40+ pumps, typically replaced every 6 months	Rough Pump Consumables	
G1960-80039	Filter, Oil Mist, for MS40+ Pump	2	For the MS40+ pumps, typically replaced every 6 months	Rough Pump Consumables	
G1960-67470	Nebulizer Adjustment Kit	1	Includes nebulizer adjustment fixture (GT430-20470), LED flashlight (2140-0826), 40x magnifier (1000-1541), and user guide (G1960-60470)	Source Parts	
G1958-60137	AJS and ESI Nebulizer needle kit	1	Replacement needle for AJS and ESI source. Recommended to always have one kit available to reduce downtime. Includes 30 ga nebulizer needle ferrule (G1969-20014), ESI standard needle 30 ga (G1960-20031), and flanged needle holder (G1946-20275)	Source Parts	
G1947-20029	Corona Needle APCI, 1 each	1	If using APCI, recommended to always have one kit available to reduce downtime	Source Parts	
G1960-20030	APCI Needle	1	If using APCI, recommended to always have one kit available to reduce downtime	Source Parts	
G2571-67001	Canted Coil Spring, 8.9 mm OD	1	Replaced when cleaning capillary cap	Source Parts	
05980-60051	Cloth, Lint Free, 23 x 23 cm, 15/pk	1	For regular maintenance	Maintenance Parts	
8660-0827	Abrasive Mesh 4000 Grit	1	For regular maintenance	Maintenance Parts	
G1969-85000	Calibrant, ESI-L	1	Important to have a known good calibrant	Tuning Solution	

LC/MS workflow supplies recommendations by platform

LC/MS Model	LC/MS Platform	Part Number Recommendation (R)				
		G2571-80103	G1960-80060	G7604-60000	G1964-80659	G6301-80004
QQQ	6420 QQQ LC/MS	R	R	R		
	6460 QQQ LC/MS	R	R	R		
	6470 QQQ LC/MS	R	R	R		
	6495C QQQ LC/MS	R			R	
	Ultivo QQQ LC/MS	R				R
Q-TOF	6545 Q-TOF LC/MS		R	R		
	6550 Q-TOF LC/MS				R	
TOF	6230 TOF LC/MS		R	R		

Part Number	Description	Recommended Quantity	Reason to Use	Product Family
G2571-80103	Electron Multiplier Replacement Horn	1	Usually used for 3–5 years; recommended to have a back up on hand to reduce downtime	Detector
G1960-80060	Fast Switch Capillary, FS, 0.6 mm ID  (Top Recommendation)	1	Resistive capillary for fast polarity switching	Source Parts
G7604-60000	Ion Injector, 180 mm, 0.6 mm ID, Dielectric  (Top Recommendation)	1	It improves robustness but does not offer fast polarity switching	Source Parts
G1964-80659	Capillary, 6-Inlet, 0.61 mm x 90 mm, 1G  (Top Recommendation)	1	Resistive capillary for fast polarity switching	Source Parts
G6301-80004	Ultivo Ion Injector  (Top Recommendation)	1	Resistive capillary for fast polarity switching	Source Parts

Learn more:

www.agilent.com/en/product/liquid-chromatography-mass-spectrometry-lc-ms

DE84054071

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Printed in the USA, February 15, 2023
5994-5769EN