

Liquid Chromatography Mass Spectrometry

LCMS Consumables



LCMS-2020

Single Quadrupole Mass Spectrometer



Inspection/Maintenance Schedule

	Part Number	Description	3 month Service	6 month Service	36 month Service	48 month Service	60 month Service
Vacuum System	220-97808-01	Pump Oil	X				
	220-91566-10	Oil Filter Element (MF30)		X			
	225-14179-01	Turbo Molecular Pump				X	
	220-91241-28	Rotary Pump, E2M28					X
	225-09490-01	Ion Gauge			X		
	261-00207-02	Gasket 14			X		
	225-20310-91	Pirani Gauge			X		
Main Unit	225-15718-91	DL Assy		X			
	036-19004-05	O-ring		X			
	228-48607-91	PEEK Frit		X			
	225-09340-11	Electron Multiplier			X		
	036-19004-53	Heater Flange O-ring			X		
	036-12523-00	Front Door O-ring			X		
	225-14985-01	Tune Solution		X			
ESI Probe	225-14948-91	ESI Capillary		X			
	228-33833-91	Peek Tubing		X			
	036-11205-00	O-ring		X			
APCI Probe	225-15877-92	Corona Needle		X			
	225-15845-91	APCI Capillary Pipe		X			
Miscellaneous	220-91239-00	LCMS Test Mix		X			

Note: These time frames are only suggestions and items may need to be replaced more frequently depending on sample throughput and use

LCMS-8030/8040

Triple Quadrupole Mass Spectrometer



LCMS-8030



LCMS-8040

Inspection/Maintenance Schedule

	Part Number	Description	3 month Service	6 month Service	36 month Service	48 month Service	60 month Service
Vacuum System	220-97808-01	Pump Oil	X				
	220-91566-10	Oil Filter Element (MF30)		X			
	225-14179-01	Turbo Molecular Pump				X	
	220-91241-28	Rotary Pump, E2M28					X
	225-09490-01	Ion Gauge			X		
	261-00207-02	Gasket 14			X		
	225-20310-91	Pirani Gauge			X		
Main Unit	225-15718-91	DL Assy		X			
	036-19004-05	O-ring		X			
	228-48607-91	PEEK Frit		X			
	225-14168-01	Electron Multiplier			X		
	036-19004-53	Heater Flange O-ring			X		
	036-12527-00	Front Door O-ring			X		
	220-91239-30	Tune Solution		X			
ESI Probe	225-14948-91	ESI Capillary		X			
	228-33833-91	Peek Tubing		X			
	036-11205-00	O-ring		X			
APCI Probe	225-15877-92	Corona Needle		X			
	225-15845-91	APCI Capillary Pipe		X			
Miscellaneous	220-91239-03	8030 Test Standard		X			
	220-91239-00	LCMS Test Mix		X			

Note: These time frames are only suggestions and items may need to be replaced more frequently depending on sample throughput and use

LCMS-8045

Triple Quadrupole Mass Spectrometer



Inspection/Maintenance Schedule

	Part Number	Description	3 month Service	6 month Service	36 month Service	48 month Service	60 month Service
Vacuum System	220-97808-01	Pump Oil	X				
	220-91566-10	Oil Filter Element (MF30)		X			
	225-14179-01	Turbo Molecular Pump				X	
	220-91241-28	Rotary Pump, E2M28					X
	225-09490-01	Ion Gauge			X		
	261-00207-02	Gasket 14			X		
	225-20310-91	Pirani Gauge			X		
Main Unit	225-15718-91	DL Assy		X			
	036-19004-05	O-ring		X			
	228-48607-91	PEEK Frit		X			
	225-14168-01	Electron Multiplier			X		
	036-19004-46	Heater Flange O-ring			X		
220-91239-00	Tune Solution		X				
ESI Probe	225-14948-91	ESI Capillary Assembly		X			
	228-33833-91	Peek Tubing		X			
	225-19560-41	ESI Heater Assy			X		
	036-11267-00	Front Door O-ring			X		
	036-11205-00	O-ring		X			
APCI Probe	225-15877-92	Corona Needle		X			
	036-11267-00	Front Door O-ring			X		
	225-15845-91	APCI Capillary Pipe		X			
Miscellaneous	220-91239-03	8030 Test Standard		X			
	220-91239-00	LCMS Test Mix		X			

Note: These time frames are only suggestions and items may need to be replaced more frequently depending on sample throughput and use

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LCMS-8050

Triple Quadrupole Mass Spectrometer



Inspection/Maintenance Schedule

	Part Number	Description	3 month Service	6 month Service	36 month Service	48 month Service	60 month Service
Vacuum System	220-97808-01	Pump Oil	X				
	220-91566-10	Oil Filter Element (MF30)		X			
	225-14179-01	Turbo Molecular Pump				X	
	220-91241-28	Rotary Pump, E2M28					X
	225-09490-01	Ion Gauge			X		
	261-00207-02	Gasket 14			X		
	225-20310-91	Pirani Gauge			X		
Main Unit	225-15718-42	DL Assy 2		X			
	036-19004-05	O-ring		X			
	228-48607-91	PEEK Frit		X			
	225-14168-01	Electron Multiplier			X		
	036-19004-46	Heater Flange O-ring			X		
220-91239-00	Tune Solution		X				
ESI Probe	225-14948-91	ESI Capillary Assembly		X			
	228-33833-91	Peek Tubing		X			
	225-19560-41	ESI Heater Assy			X		
	036-11267-00	Front Door O-ring			X		
	036-11205-00	O-ring		X			
APCI Probe	225-15877-92	Corona Needle		X			
	036-11267-00	Front Door O-ring			X		
	225-15845-91	APCI Capillary Pipe		X			
Miscellaneous	220-91239-03	8030 Test Standard		X			
	220-91239-00	LCMS Test Mix		X			

Note: These time frames are only suggestions and items may need to be replaced more frequently depending on sample throughput and use

LCMS-8060

Triple Quadrupole Mass Spectrometer







Inspection/Maintenance Schedule

	Part Number	Description	6 month Service	12 month Service	36 month Service	48 month Service	60 month Service
Vacuum System	220-91566-63	Leybold Pump Oil LVO700		X			
	220-91566-61	Exhaust Filter SV65-120B		X			
	220-91566-62	Maintenance Kit Leybold SV65			X		
	225-14179-01	Turbo Molecular Pump				X	
	220-91566-60	Leybold Rough Pump SV65					X
	225-09490-01	Ion Gauge			X		
	261-00207-02	Gasket 14			X		
	225-20310-91	Pirani Gauge			X		
Main Unit	225-15718-43	DL Assy 3	X				
	036-19004-05	O-ring	X				
	228-48607-91	PEEK Frit	X				
	225-14168-01	Electron Multiplier			X		
	036-19004-46	Heater Flange O-ring			X		
	220-91239-00	Tune Solution	X				
ESI Probe	225-14948-91	ESI Capillary Assembly	X				
	228-33833-91	Peek Tubing	X				
	225-19560-41	ESI Heater Assy			X		
	036-11267-00	Front Door O-ring			X		
	036-11205-00	O-ring	X				
APCI Probe	225-15877-92	Corona Needle	X				
	036-11267-00	Front Door O-ring			X		
	225-15845-91	APCI Capillary Pipe	X				
Miscellaneous	220-91239-03	8030 Test Standard	X				
	220-91239-00	LCMS Test Mix	X				

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