

Parts and Equipment Guide

For LC Systems

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Shimadzu LC-40 System

This guide applies to the Shimadzu LC-40 System.

Note: Contact a Field Service Employee (FSE) for information about parts not included in this document.



WARNING! Personal Injury Hazard. Use SCIEX-recommended parts only. Use of parts not recommended by SCIEX or use of parts for any purpose other than their intended purpose can put the user at risk of harm or negatively impact system performance.

Table 1 Pump Spare Parts

Part Number	Description	Dual (D/DXR/DX3)	Binary (BXR/BX3)	Notes
5039288	Check valve, inlet, for LC-40D/DXR/BXR	2 pc	4 pc	
228-52964-42	Check valve, inlet, for LC-40X3/BX3	2 pc	4 pc	
228-45705-43	Check valve, outlet, for LC-40D/DXR/BXR	2 pc	4 pc	
4466465	Check valve, outlet, for LC-40DX3/BX3	2 pc	4 pc	
228-55272-41	Diaphragms, PTFE, 2-pack	1 pc	2 pc	Replace when replacing the plunger.
4425375	Drain tube assembly			
4462590	Ferrule, stainless steel, 1/16" OD 3 pcs			
4426171	Ferrule, white PTFE, for 3 mm OD tubing			
4426107	Filter assembly, suction	1 pc	2 pc	Includes a tube.

Table 1 Pump Spare Parts (continued)

Part Number	Description	Dual (D/DXR/DX3)	Binary (BXR/BX3)	Notes
4425351	Filter, inline, for LC-40D/DXR/BXR	1 pc	2 pc	
228-57501-92	Filter, inline, for LC-40DX3/BX3	1 pc	2 pc	
4426106	Filter, solvent suction	1 pc	2 pc	
4425410	Nut, PEEK			Used to connect tubing.
4425342	Nut, male, PEEK, 1.6 mn, narrow head, for 1/16" OD tubing			
4412795	Nut, male, stainless steel, for 1/16" OD tubing			
5041624	Plunger assembly, XR, with diaphragm, for LC-40 XR/BXR/DX3/BX3	2 pc	4 pc	
5039287	Plunger assembly, with diaphragm, for LC-40D			
4425353	Plunger seal, 42455	2 pc	4 pc	
5050410	Plunger seal, with backup ring, for LC-40 XR/BXR/DX3/BX3	2 pc	4 pc	
228-57647-43	Tool kit			Includes necessary tools for maintenance.
4412690	Tube, spiral, KS-4			
4413343	Tubing, ETFE, 1.6 mm OD × 0.8 mm ID, length 1 m			
4426176	Tubing, FEP, 3 mm OD × 1.5 mm ID, length 1 m			

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Table 2 Autosampler Spare Parts

Part Number	Description	Notes
228-67725-41	Cap, rinse port, no hole, 10 pcs	
228-67725-43	Cover, rinse port	Rinse port cover
4462590	Ferrule, SIL-30, 3/pkg	
4426106	Filter, suction	
4426113	Fitting, shmdz, flangeless P330	
4412723	Fuse 218, 6.3A, 5.2 × 20	
228-71840-44	Label, for 384 well deep well plates (100 pc set)	Recognition labels
228-71840-43	Label, for 384 well microplates (100 pc set)	Recognition labels
228-71840-42	Label, for 96 well deep well plates (100 pc set)	Recognition labels
228-71840-41	Label, for 96 well microplates (100 pc set)	Recognition labels
228-64909-98	Needle (coated), for SIL-40CXR/40CX3	
228-64909-97	Needle (uncoated), for SIL-40/40C	
4412813	Nut, male, stainless steel, for 1/16" ID tubing (W6 hex portion)	
5079896	Plate, micro tube	
228-35010-92	Plunger assembly	
228-71780-41	Rotor seal, HPV, for SIL-40/40C	
228-71780-42	Rotor seal, HPV, for SIL-40CXR/40CX3	
228-71780-43	Rotor seal, LPV	
228-63132-45	Sample loop, 100 uL	
228-63132-44	Sample loop, 50 uL	
228-63132-45	Sample loop, for loop injection (100 uL)	
228-71759-43	Sample loop, for loop injection (20 uL)	
228-71759-42	Sample loop, for loop injection (5 uL)	
228-71759-44	Sample loop, for loop injection (50 uL)	

Table 2 Autosampler Spare Parts (continued)

Part Number	Description	Notes
4425339	Seal plunger, black GFP, for Autosampler Metering Pump	
228-71781-41	Seal, HPV (packing), for SIL-40/40C	
228-64364-42	Seal, needle	
228-53184-91	Tubing, 0.1 × 600 mm, pre-bent stainless steel tubing and fittings	
4426135	Tubing, FEP, 2 mm ID × 3 mm OD	
5079893	Vial plate, 1 mL	
5079897	Vial plate, 1.5 mL	
5079895	Vial plate, 10 mL	
5079894	Vial plate, 4 mL	
4412816	Vial, Shimadzu, 0.3 mL si, 100/pkg	
4413360	Vial, Shimadzu, 1.1 mL, 100/pkg including caps	
4426268	Vial, Shimadzu, 1.5 mL, 100/pkg including caps	
4425149	Vial, Shimadzu, 4 mL pp, 100/pkg	
4425150	Vial, Shimadzu, disposable, 200/pkg	

Table 3 Degasser Spare Parts

Part Number	Description	Notes
228-56687-43	Ferrule, white PTFE, for OD 1/8" tubing	
228-54509-02	Filter, air intake, for DGU-20AR 2-pack	
228-56687-42	Nut, for OD 1/8" tubing	

Table 4 Oven Spare Parts

Part Number	Description	Notes
4412722	Fuse, 5.0A/T/250V, 5.2 × 20	

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Table 5 Detector Spare Parts

Part Number	Description	Notes
4425123	Gasket, flow cell, 2-pack	
228-73407-00	Lamp, deuterium, for SPD-20AV	
228-63621-02	Lamp, deuterium, for SPD-M40	
228-73443-00	Lamp, tungsten, for SPD-20AV	
228-73309-00	Lamp, tungsten, for SPD-M40	
4412685	Lens, flow cell	

Contact Us

Customer Training

- In North America: NA.CustomerTraining@sciex.com
- In Europe: Europe.CustomerTraining@sciex.com
- Outside the EU and North America, visit sciex.com/education for contact information.

Online Learning Center

- [SCIEX University](#)

SCIEX Support

SCIEX and its representatives maintain a staff of fully-trained service and technical specialists located throughout the world. They can answer questions about the system or any technical issues that might arise. For more information, visit the SCIEX website at sciex.com or contact us in one of the following ways:

- sciex.com/contact-us
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