



Instructions GX-27X Series OQ Test Kit (Part Number 26047120)

The GX-27X Series OQ (operational qualification) Test Kit includes items needed to check the functionality of instruments in the following configurations:

- GX-271 Preparative Liquid Handler
- GX-271 Preparative Liquid Handler/Injector
- GX-271 Analytical Liquid Handler
- GX-271 Analytical Liquid Handler/ Injector
- GX-271 Liquid Handler
Note: The 402 Syringe Pump OQ Test Kit is ordered separately (part number F44975).
- GX-271 ASPEC™ with 406 Single Syringe Pump
- GX-271 ASPEC™ with 406 Dual Syringe Pump
- GX-274 ASPEC™ (with 406 Dual Syringe Pumps)

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Components of the Test Kit

The GX-27X Series OQ (Operational Qualification) Test Kit supports multiple configurations. Refer to the table below for a listing of parts supplied for and required by each test. All parts in the kit will not be used for all configurations.

<i>Part Number</i>	<i>Description</i>	Software Reference
LT319072	GX-27X Series OQ Test Kit Instructions	
21067540	GX-27X Series OQ Test Software The software has been validated under Microsoft® Windows® XP Professional. Windows® is a registered trademark of Microsoft Corporation in the United States and/or other countries.	
LT312054	GX-27X Series OQ Test Software Validation Certificate	
LT319123	GX-27X Series OQ Test Software Instructions	
Contact I/O		
26047009	CONN,GX-27X OQ CONTACT TEST	contact test connector
Z-Arm Ports		
26047008	CONN,GX-27X OQ LLD TEST	LLD test connector
26047007	CONN,GX-27X OQ TEST LED	test indicator light
Solenoids		
26047007	CONN,GX-27X OQ TEST LED	test indicator light
Safety		
26047010	CONN,GX-27X OQ SAFETY TEST	safety test connector
XYZ Position (125 mm Clamp Height)		
95260010	OFFSET TOOL, 125MM, GX-27X	125 Offset Tool
XYZ Position (175 mm or 185 mm Clamp Height)		
95260011	OFFSET TOOL, 175/185MM, GX-27X	175/185 Offset Tool
Liquid Level Detection (125 mm Clamp Height)		
26047034	PKG,GX-27X OQ LLD TEST	
	LOCATOR,GX-27X OQ LLD 125MM (part number 26047018)	125 LLD Locator
	GRADUATED CALIBR CYLINDER 10ML PLASTIC (part number 543502013)	graduated cylinder
Liquid Level Detection (175 mm or 185 mm Clamp Height)		
26047034	PKG,GX-27X OQ LLD TEST	
	LOCATOR,GX-27X OQ LLD 175/185MM (part number 26047019)	175/185 LLD Locator
	GRADUATED CALIBR CYLINDER 10ML PLASTIC (part number 543502013)	graduated cylinder
Fraction Collection Valve		
26047013	TUBING,GX-27X OQ TEST TUBING A	test tubing A
26047012	SYRNG,GX-27X OQ VALVE TEST	WATER test syringe

<i>Part Number</i>	<i>Description</i>	Software Reference
	GX Rinse Pump	
26047022	TUBING,GX-27X OQ TEST TUBING E	test tubing E
26047023	TUBING,GX-27X OQ TEST TUBING F	test tubing F
26047024	PKG,VIAL A&B GX-27X OQ	test vial A test vial B
	Rinse Station / Reservoir for GX-274 ASPEC	
26047020	SYRNG,GX-27X OQ RINSE RESERVOIR TEST	RESERVOIR test syringe
26047021	PLUG ASSY,GX-27X OQ RINSE RESERVOIR TEST	plugs
	406 Pressure Sensor for 406 Single Syringe Pump	
26047006	SYRNG,GX-27X OQ PRES SENSOR TEST	AIR test syringe
49041019	PLUG, 1/4-28, TEFZEL (P-311)	plug
	406 Valve for 406 Single Syringe Pump	
26047014	TUBING,GX-27X OQ SYRINGE VALVE TEST	valve test tubing
26047012	SYRNG,GX-27X OQ VALVE TEST	WATER test syringe
26047013	TUBING,GX-27X OQ TEST TUBING A	test tubing A
	406 Syringe (100 µL, 250 µL, 500 µL, 1 mL) for 406 Single Syringe Pump	
26047015	TUBING,GX-27X OQ TEST TUBING C	test tubing C
26047016	TUBING,GX-27X OQ TEST TUBING D	test tubing D
27052011	VIALS, 2 ML, CLEAR, ONE PIECE	marked vial
	406 Syringe (5 mL, 10 mL, 25 mL) for 406 Single Syringe Pump	
26047013	TUBING,GX-27X OQ TEST TUBING A	test tubing A
26047017	TUBING,GX-27X OQ TEST TUBING B	test tubing B
543502011	GRADUATED CYLINDER 10ML,GLASS	glass graduated cylinder
	GX Solvent System Solvent Selection Valve	
26047012	SYRNG,GX-27X OQ VALVE TEST	WATER test syringe
26047013	TUBING,GX-27X OQ TEST TUBING A	test tubing A
	GX Solvent System (Analytical)	
26047015	TUBING,GX-27X OQ TEST TUBING C	test tubing C
26047016	TUBING,GX-27X OQ TEST TUBING D	test tubing D
26047031	TUBING,GX-27X OQ TEST TUBING H	test tubing H
543502011	GRADUATED CYLINDER 10ML,GLASS	glass graduated cylinder

<i>Part Number</i>	<i>Description</i>	Software Reference
GX Solvent System (Prep)		
26047013	TUBING,GX-27X OQ TEST TUBING A	test tubing A
26047017	TUBING,GX-27X OQ TEST TUBING B	test tubing B
26047030	TUBING,GX-27X OQ TEST TUBING G	test tubing G
543502011	GRADUATED CYLINDER 10ML,GLASS	glass graduated cylinder
GX Direct Injection Module (1/8" Valve)		
26047032	SYRNG,GX-27X OQ DI TEST	Water (DI Test) test syringe
26047033	TUBING,GX-27X OQ TEST TUBING J	test tubing J
26047031	TUBING,GX-27X OQ TEST TUBING H	test tubing H
GX Direct Injection Module (1/16" Valve)		
26047032	SYRNG,GX-27X OQ DI TEST	Water (DI Test) test syringe
26047031	TUBING,GX-27X OQ TEST TUBING H	test tubing H
21067541	406 Dual Syringe Pump OQ Test Software The software has been validated under Microsoft® Windows® XP Professional. Windows® is a registered trademark of Microsoft Corporation in the United States and/or other countries.	
LT312056	406 Dual Syringe Pump OQ Test Software Validation Certificate	
LT319124	406 Dual Syringe Pump OQ Test Software Instructions	
Left/Right Pressure Sensor		
26047006	SYRNGE,GX-27X OQ PRES SENSOR TEST	AIR test syringe
49041019	PLUG, 1/4-28, TEFLON (P-311)	plug
Left/Right Valve		
26047014	TUBING,GX-27X OQ SYRINGE VALVE TEST	valve test tubing
26047012	SYRNGE,GX-27X OQ VALVE TEST	WATER test syringe
26047013	TUBING,GX-27X OQ TEST TUBING A	test tubing A
Left/Right Syringe (100 µL, 250 µL, 500 µL, 1 mL)		
26047015	TUBING,GX-27X OQ TEST TUBING C	test tubing C
26047016	TUBING,GX-27X OQ TEST TUBING D	test tubing D
27052011	VIALS, 2 ML, CLEAR, ONE PIECE	marked vial
Left /Right Syringe (5 mL, 10 mL, 25 mL)		
26047013	TUBING,GX-27X OQ TEST TUBING A	test tubing A
26047017	TUBING,GX-27X OQ TEST TUBING B	test tubing B
543502011	GRADUATED CYLINDER 10ML,GLASS	graduated cylinder

If There is a Problem

If you need assistance, please contact your Gilson-authorized representative. Specific contact information can be found on the Gilson website at www.gilson.com.