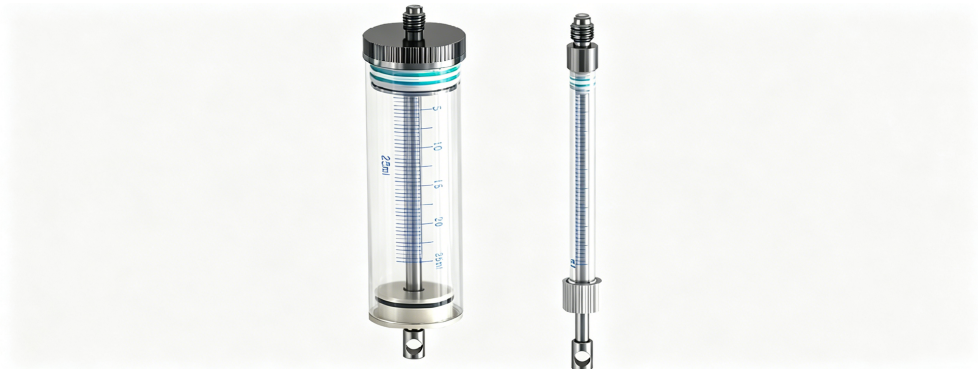




Precision Fluid Control Series



Analytical Syringe Sampler

K60

Product Technical Specification | July 2026

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Product Overview

The K60 analytical syringe sampler is compatible with SY-03B and SY-03B DK syringe pumps, covering 50 µL~50 mL volumes for large-volume analytical sampling. It uses a borosilicate glass barrel, PTFE plunger, and 304 stainless steel push rod with a standard 1/4-28UNF thread and 0.68 MPa max pressure. Widely used in chromatography, online monitoring, environmental testing, and laboratory automation.

- 50 µL~50 mL
- SY-03B Compatible
- Borosilicate Glass
- 0.68 MPa
- Large Volume

Key Features



Standard Thread
1/4-28UNF for reliable gas-tight connection.



Ultra-Wide Volume
50 µL / 100 µL / 250 µL / 500 µL / 1 mL / 2.5 mL / 5 mL / 10 mL / 25 mL / 50 mL.



Corrosion-Resistant
Borosilicate glass barrel, PTFE plunger, 304 SS push rod.



Gas-Tight & Pressurized
Max pressure 0.68 MPa.



Reusable
Cleanable and reusable to reduce operating cost.



SY-03B Matched
For SY-03B / SY-03B DK syringe pumps.

Technical Specifications

Parameter	Specification
Model	K60
Principle	Gas-tight glass syringe positive-displacement sampling
Port Thread	1/4-28UNF
Syringe Volumes	50 µL / 100 µL / 250 µL / 500 µL / 1 mL / 2.5 mL / 5 mL / 10 mL / 25 mL / 50 mL
Barrel Material	Borosilicate glass
Plunger Material	PTFE
Push Rod Material	304 stainless steel
Max Pressure	0.68 MPa
Compatible Pump	SY-03B / SY-03B DK etc.
Sealing	Gas-tight design
Reusability	Cleanable and reusable
Operating Temp.	5~55 °C (refer to paired pump)
Maintenance	Periodic barrel and plunger cleaning; replace worn seals
Application	Chromatography large-volume injection, online monitoring sampling, environmental testing, automated lab dilution

Typical Applications

- ▶ LC/GC large-volume injection
- ▶ Online environmental monitoring sampling
- ▶ IVD large-volume reagent sampling
- ▶ Automated lab dilution platforms
- ▶ Industrial process analysis sampling

Ordering Guide

Product Code	Description
K60	Sampler + 50 µL~50 mL glass barrel (volume-dependent)

Accessories/Consumables

Accessory	Specification	Note
Glass Barrel	50 µL~50 mL	Volume-dependent
PTFE Seal	K60 matched	Periodic replacement
Push Rod	304 SS	Standard

Why Choose Jiuyuhub

 **Application-First Matching**
K30/K60 recommended by paired pump and volume.

 **Southeast Asia Adapted**
Corrosion-resistant materials for hot/humid labs.

 **One-Stop Supply**
Samplers, pumps, valves and seals together.

 **24-Hour Response**
Fast selection and spare-part support.

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