

ZR-3620 Low Volume Air Sampler

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Overview

ZR-3620 Low Volume Air Sampler is a small device for collecting gaseous samples in atmosphere and pollution source pipeline. It works at a very low flow rate (0.001L/ min~5L/min). The working principle is to use the sampling pump to extract samples, and achieve quantitative collection through stable flow and synchronous timing.



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Features

- ✔ Compact, lightweight, portable, Self contained battery.
- ✔ Built in high-precision electronic flowmeter to stable flowrate.
- ✔ Three sampling modes: immediate sampling, timing sampling and fixed volume sampling.
- ✔ Multiple functions: filter membrane sampling, activated carbon tube sampling, liquid-absorption sampling.
- ✔ OLED display, wide field of vision.



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Technical Parameter

Parameter	Range	Resolution	Accuracy
Maximum sampling volume	999.999L	0.001L	±2.5%
Sampling time setting	1min~99h59min	1min	±0.1%
Atmospheric pressure	(60~130) kPa	0.01 kPa	±0.50kPa
Service temperature	(-20~55) °C		
Power supply	DC15V, 1.2A		
Size	(length 160×width 90×height 53) mm		

Mode	Sampling flowrate	Flowmeter pressure	Loading Capacity	Battery life	Power consumption	Weight
ZR-3620A	(10~200) mL/min	(-30~10) kPa	-30kPa	>20h	≤3W	450g
ZR-3620B	(0.2~1.5) L/min	(-40~10) kPa	-40kPa	>10h	≤5W	500g
ZR-3620C	(1~5.0) L/min	(-60~10) kPa	-60kPa	>8h	≤6W	500g