

ZR-3620 Low Volume Air Sampler



VOCs TSP SO₂ NO_x NH₃ HCL ...

Applications



Introduction

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-4L/min). The working principle is to use the sampling pump to extract samples, and achieve quantitative collection through stable flow and synchronous timing.

Features

- Compact, lightweight, portable, Self contained battery.
- OLED display, wide field of vision.
- 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.
- With Beidou positioning function.

Specifications

Parameters	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	(1.0-4.0)L/min	(-60-10)kPa	-60kPa	>8h	≤6W	500g

Parameters	Range	Resolution	Error
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	(L160×W90×H53) mm		