



KQET-6104

Central Integrated Pump Remote Bioaerosol Sampler

The KQET-6104 central integrated pump remote bioaerosol sampler is a multi-hole suction sampler applied in online monitoring systems. The sampler consists of two parts: a sampling head and a controller.

The entire sampling head is made of 304 stainless steel with a mirror-finished surface, presenting a high-end and elegant appearance. The sampling head adopts a micro-hole design to reduce bacterial overlap and minimize microbial counting errors. The sampling head bracket is thick and stable, preventing the petri dish from shaking during sampling and thus avoiding counting errors.

The controller body is also made of 304 stainless steel, meeting the requirements of GMP specifications. It is equipped with an internal precision digital flow sensor that can monitor the sampling flow in real time and control the total sampling volume, ensuring the accuracy of sampling results.



Product Features

- Micro-hole sampling head reduces bacterial overlap and minimizes microbial counting errors.
- Mirror-finished stainless steel sampling head not only meets GMP specification requirements but also appears high-end and elegant.
- High sampling flow rate of 28.3L/min shortens sampling time and improves sampling efficiency.
- Real-time flow monitoring enhances sampling precision and ensures the accuracy of sampling results.
- Impact velocity of 10.8m/s, in line with the 5th stage of the Anderson impact principle, ensuring that all microbial particles larger than 1μm can be captured.
- Professional industrial design with a compact size for easy installation

Technical parameters

Model	KQET-6104		
Sampling flow rate	28.3 L/min±5%		
Impact rate	1-6000L		
Sampling head	10.8m/s		
Air pump	Microporous, reduces bacterial overlap, reduces microbial counting error		
Show	External independent pump, low vibration, low noise		
Power supply	External display screen for displaying data or debugging parameters (optional)		
Enforce standards	DC24V/2A		
Petri dish	ISO14698-1/2 GB/T16293-2010		
Communication methods	Standard universal petri dish φ90*15mm		
	RS485 @ Modbus RTU protocol		
Material	Sampling head: stainless steel, mirror finish Independent pump: Stainless steel, surface brushed		
Size(mm)	Sampling head: φ104*472 Controller: width 72* depth 168* height 91		
Working environment	Temperature 10 to 40°C	Humidity 10% to 90%	No condensation
Storage environment	Temperature -10 to 50°C	Humidity 90%	No condensation

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