

BGI PQ200

FRM with Very Sharp Cut Cyclone

PQ200 - Particulate Sampler

The BGI PQ200 portable FRM sampler is the only EPA designated reference sampler capable of a 24 hour run on internal built-in 12 volt battery. Whether sampling TSP, PM₁₀, PM_{2.5}, or PM₁, the PQ200 makes ambient particulate air sampling a breeze.



General

- Particle Size: PM₁₀, PM_{2.5}, PM₁, TSP
- Flow Range: 10-20 LPM
- US EPA Designation: EPA RFPS-1298-125 FRM for PM₁₀, EPA RFPS-0498-116 FRM for PM_{2.5}, EPA RFPS-1208-173 FRM for PM_{10-2.5}
- Sampling Interval: 24-Hour Sampling



Flow Control

- Pump: Dual Diaphragm Vacuum Pump
- Range: 10-20 LPM
- Flow Rate Measurement Accuracy: ±2%



Environmental

- Operating Temperature: -30 to 50 °C
- Ambient/Filter Temperature Sensor Resolution: 0.1 °C
- Temperature Sensors Accuracy: ±0.16 °C
- Barometric Pressure Sensor: 545 to 800 mmHg



Electrical and Communication

- Internal Battery: 12V 18Ah
- Optional: Solar
- Data Output: RS232 Connection
- Interface: Push-button
- Language Options: English, Spanish



PQ200 Ordering Information

Part # PQVSCC:	PM _{2.5} FRM Fine Particulate Sampler, with PM _{2.5} VSCC, 120/240 Volt. English/Spanish version available
Part # PQ200PM10:	PM ₁₀ FRM Fine Particulate Sampler, 120/240 Volt. English/Spanish version available
Part # PQ200TSP:	Particulate sampler with TSP inlet head. 120/240 volt. English/Spanish version available.
Part # VSCCB:	PM _{2.5} Cyclone to convert PQ200 from a PM ₁₀ Sampler to PM _{2.5} FRM