BGI PQ200
FRM with Very Sharp Cut Cyclone

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, PM$_{10}$, PM$_{2.5}$, or PM$_{1}$, the PQ200 makes ambient particulate air sampling a breeze.

General
- Particle Size: PM$_{10}$, PM$_{2.5}$, PM$_{1}$, TSP
- Flow Range: 10-20 LPM
- US EPA Designation: EPA RFPS-1298-125 FRM for PM$_{10}$, 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

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<tbody>
<tr>
<td>PQVSCC</td>
<td>PM$<em>{2.5}$ FRM Fine Particulate Sampler, with PM$</em>{2.5}$ VSCC, 120/240 Volt. English/Spanish version available</td>
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<tr>
<td>PQ200PM10</td>
<td>PM$_{10}$ FRM Fine Particulate Sampler, 120/240 Volt. English/Spanish version available</td>
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<tr>
<td>PQ200TSP</td>
<td>Particulate sampler with TSP inlet head. 120/240 volt. English/Spanish version available.</td>
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<td>VSCCB</td>
<td>PM$<em>{2.5}$ Cyclone to convert PQ200 from a PM$</em>{10}$ Sampler to PM$_{2.5}$ FRM</td>
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