Sample Probes
Superior Probes for Any Application

Customizable and Reliable Probes

Parker’s Sample Probes are the perfect choice for spot or composite sampling. The Probes are available in single flow, dual flow and hot tap, all with 316 SS construction. Each Probe can be customized with numerous inlet and outlet configurations.

The Integral Sample Probes feature our patented Pressure-Core® Stem Seal technology that requires no bonnet adjustment and virtually eliminates leaks that would result in measurement drift and fugitive emissions. Parker takes great pride in extending a five-year limited warranty on our Pressure-Core Stem Seal, far exceeding the industry standard.

Product Features:

• 8” “cut to fit” length standard, longer lengths available
• Standard probe valves have roddable acetal resin soft seats
• .136” – .187” – .250” Orifice sizes available
• Inlet connections available from 1/2” – 3/4” – 1” MNPT
• Outlet connections available from 1/4” – 1/2” – 3/4” FNPT
• Stablizer nut included on several probe models

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# Sample Probe Specifications

<table>
<thead>
<tr>
<th>Part Number Base</th>
<th>Standard Specifications</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRXX-XXXXXXXXXX</td>
<td></td>
<td>~XXXXXXX</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>1 0</td>
<td><strong>Single Flow Probe</strong>: Std. with no valve, 1/2&quot; MNPT inlet x 1/4&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long</td>
</tr>
<tr>
<td>1 5*</td>
<td><strong>Single Flow Integral Valve Probe</strong>: Std. with 1/2&quot; MNPT inlet x 1/4&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long, .187&quot; orifice integral valve</td>
</tr>
<tr>
<td>1 6</td>
<td><strong>Single Flow Integral Valve Stabilized Connector Probe</strong>: Std. with 1/2&quot; MNPT inlet x 3/4&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long, .187&quot; orifice integral valve</td>
</tr>
<tr>
<td>1 7*</td>
<td><strong>Single Flow Integral Valve Probe</strong>: Std. with 3/4&quot; MNPT inlet x 1/2&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long, .187&quot; orifice integral valve</td>
</tr>
<tr>
<td>2 0*</td>
<td><strong>Dual Flow Probe</strong>: Std. with no valve, 1/2&quot; MNPT inlet x 1/4&quot; FNPT outlet, 1/4&quot; O.D. tube x 8&quot; long std. with no valve</td>
</tr>
<tr>
<td>2 5*</td>
<td><strong>Dual Flow Integral Valve Probe</strong>: Std. with 3/4&quot; MNPT inlet x 1/4&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long, .250&quot; orifice integral valves</td>
</tr>
<tr>
<td>3 0</td>
<td><strong>Hot Tap Single Flow Probe</strong>: Std. with no valve, 1/2&quot; MNPT inlet x 1/4&quot; FNPT outlet, 1/4&quot; O.D. tube x 8&quot; long (locking ferrule not set)</td>
</tr>
<tr>
<td>4 0*</td>
<td><strong>Hot Tap Dual Flow Probe</strong>: Std. with no valve, 1/2&quot; MNPT inlet x 1/4&quot; FNPT outlet, 1/4&quot; O.D. tube x 8&quot; long (locking ferrule not set)</td>
</tr>
<tr>
<td>5 0*</td>
<td><strong>Dual Flow Integral Valve Probe</strong>: Std. with 3/4&quot; MNPT inlet x NOVA &quot;D&quot; Direct-Mount™ Adapter outlet, 3/8&quot; O.D. tube x 8&quot; long, .250&quot; orifice integral valves</td>
</tr>
<tr>
<td>5 5*</td>
<td><strong>Single Flow Integral Valve Probe</strong>: Std. with 3/4&quot; MNPT inlet x 3/4&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long, .187&quot; orifice integral valve</td>
</tr>
<tr>
<td>6 0</td>
<td><strong>Horizontal Dual Flow Integral Valve Stabilized Connector Probe</strong>: Std. with 3/4&quot; MNPT inlet x 3/4&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long, .250&quot; orifice integral valves</td>
</tr>
<tr>
<td>6 5</td>
<td><strong>Dual Flow Integral Valve Stabilized Connector Probe</strong>: Std. with 3/4&quot; MNPT inlet x 3/4&quot; FNPT outlet, 3/8&quot; O.D. tube x 8&quot; long, .250&quot; orifice integral valves</td>
</tr>
</tbody>
</table>

*Not available as flanged.

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## Sample Probe Seats

<table>
<thead>
<tr>
<th>Part Number</th>
<th>.187&quot; Orifice Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP3-003-R1</td>
<td>PCTFE cone seat, V1 series</td>
</tr>
<tr>
<td>SP3-003-R2</td>
<td>PEEK cone seat, V1 series</td>
</tr>
<tr>
<td>SP3-003-R4</td>
<td>Acetal resin cone seat, V1 series (std.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>.250&quot; Orifice Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP3-012-R1</td>
<td>PCTFE cone seat, V2 series</td>
</tr>
<tr>
<td>SP3-012-R2</td>
<td>PEEK cone seat, V2 series</td>
</tr>
<tr>
<td>SP3-012-R4</td>
<td>Acetal resin cone seat, V2 series (std.)</td>
</tr>
</tbody>
</table>

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*H T High Temp (change to 316 SS bushing and Grafoil seal ring) – only for PR30 and PR40

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*Not available as flanged.*
PR10 Single Flow Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR15 Single Flow Integral Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR16 Single Flow Integral Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR17 Single Flow Integral Valve Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR20 Dual Flow Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR25 Dual Flow Integral Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR30 Hot Tap Single Flow Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR40 Hot Tap Dual Flow Probe
All 316 SS construction

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR50 Dual Flow Integral Probe
All 316 SS construction

Note: PR50 probe for use only with NOVA samplers with “D” mounting option.

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR55 Single Flow Integral Probe
All 316 SS construction

Note: NOVA sampler must have the "S" mounting option to use the PR55 probe.

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.

Inlet Connection 3/4" NPT (standard)

3/8" O.D. Probe furnished with square end

8" (standard)

1.50" Hex

3/4" NPT

.187" orifice integral soft seat valves, acetal resin seats, PTFE Pressure-Core® stem seals
PR60 Dual Flow Integral Probe
All 316 SS construction

Note: Nova sampler must have the “S” mounting option to use the PR60 probe.

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
PR65 Dual Flow Integral Probe
All 316 SS construction

Note: NOVA sampler must have the “S” mounting option to use the PR65 probe.

SEE AVAILABLE OPTIONS ON SAMPLER PROBE SPECIFICATIONS SHEET ON PAGE 2.
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