INCREASED DILUTION RANGE & RESOLUTION –
With the car wash industry pushing towards more concentrated chemical solutions, Hydra-Flex has developed a unique solution that offers an extended range of dosing ratios with extreme low-end tolerance: the VersaDial Control System. With 32 unique settings, the dial is able to work with the lowest concentrates on the market.

IMPROVED RELIABILITY & CONSISTENCY –
The chemical control disk utilizes a long, torturous channel – vs. a small orifice size found in current metering tips – which eliminates clogs, requiring less maintenance and replacements. The dial also provides consistency from draw to draw, and from device to device. The correct amount of chemistry is delivered, every time.

EASE OF USE & SAFETY – Eliminates the need to physically change tips or find colors, just rotate the dial to your desired dilution. VersaDial also provides greater safety for users by eliminating the need to interact directly with chemistry.
# VERSADIAL™ CONTROL SYSTEM

**PC1 INJECTORS**
- **PC1 x 1/4” MNPT**

**PC2 INJECTORS**
- **PC2 x 3/8” MNPT**

**PC3 INJECTORS**
- **PC3 x 3/4” MNPT**

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**SINGLE INJECTORS**
*For diluting one chemical with water.*

**DUAL INJECTORS**
*For diluting two chemicals with water. Ideal for adding a color or scent to your solution.*

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## STEP 1: CHOOSE YOUR CHEM-FLEX™ VERSADIAL™ INJECTORS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PC1 VERSADIAL™ INJECTOR</th>
<th>PC2 VERSADIAL™ INJECTOR</th>
<th>PC3 VERSADIAL INJECTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>OUTLET CONNECTION</td>
<td>1/4” MNPT</td>
<td>3/8” MNPT</td>
<td>3/4” MNPT</td>
</tr>
<tr>
<td>FOR USE WITH AQUA-LAB MODEL(S)</td>
<td>SD&lt;sub&gt;GEN2&lt;/sub&gt;</td>
<td>MD&lt;sub&gt;GEN2, XD&lt;sub&gt;GEN2, HD&lt;/sub&gt;</td>
<td>XD&lt;sub&gt;GEN2, HD&lt;/sub&gt;</td>
</tr>
<tr>
<td>COLOR</td>
<td>FLOW RATE @ 200 PSI (13.9 bar)</td>
<td>SINGLE</td>
<td>DUAL</td>
</tr>
<tr>
<td>White</td>
<td>0.25 GPM (1.0 LPM)</td>
<td>317029</td>
<td>-</td>
</tr>
<tr>
<td>Yellow</td>
<td>0.50 GPM (1.9 LPM)</td>
<td>317040</td>
<td>327040</td>
</tr>
<tr>
<td>Tan</td>
<td>0.75 GPM (2.8 LPM)</td>
<td>317051</td>
<td>327051</td>
</tr>
<tr>
<td>Red</td>
<td>1.00 GPM (3.8 LPM)</td>
<td>317057</td>
<td>327057</td>
</tr>
<tr>
<td>Orange</td>
<td>1.50 GPM (5.7 LPM)</td>
<td>317070</td>
<td>327070</td>
</tr>
<tr>
<td>Gray</td>
<td>2.00 GPM (7.6 LPM)</td>
<td>317083</td>
<td>327083</td>
</tr>
<tr>
<td>Dark Blue</td>
<td>2.25 GPM (8.5 LPM)</td>
<td>317086</td>
<td>327086</td>
</tr>
<tr>
<td>Light Blue</td>
<td>3.00 GPM (11.3 LPM)</td>
<td>317095</td>
<td>327095</td>
</tr>
<tr>
<td>Light Green</td>
<td>3.25 GPM (12.3 LPM)</td>
<td>317098</td>
<td>327098</td>
</tr>
<tr>
<td>Pink</td>
<td>3.75 GPM (14.2 LPM)</td>
<td>317106</td>
<td>327106</td>
</tr>
<tr>
<td>Purple</td>
<td>4.50 GPM (17.0 LPM)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dark Green</td>
<td>5.50 GPM (20.8 LPM)</td>
<td>317125</td>
<td>327125</td>
</tr>
<tr>
<td>Black</td>
<td>8.00 GPM (30.3 LPM)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Black</td>
<td>10.00 GPM (37.9 LPM)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Black</td>
<td>12.00 GPM (45.2 LPM)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Black</td>
<td>15.00 GPM (56.8 LPM)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

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T: 952-808-3640 • F: 952-808-3650 • [www.hydraflexinc.com](http://www.hydraflexinc.com) • [sales@hydraflexinc.com](mailto:sales@hydraflexinc.com)
# VERSADIAL™ CONTROL SYSTEM

## STEP 2: SELECT YOUR DEVICE, MOUNTING, ACCESSORIES & REPLACEMENT PARTS

### VERSADIAL™ DEVICE

**Included:** Filter, Chemical Control Dial & Quick Connect  
**PART NUMBER** 1002531

### VERSADIAL™ MOUNTING & TUBE MANAGEMENT

**Included:** (1) Mounting & Tube Management  
**PART NUMBER** 1003017

### VERSADIAL™ QUICK CONNECT 1/4” HOSE BARB

**Included:** (1) 1/4” Quick Connect Threaded Hose Barb For Use With Vacuum Gauge or Metering Tips  
**PART NUMBER** 1003027

### VERSADIAL™ REPLACEMENT FILTERS

**Included:** (5) Replacement Filters  
**PART NUMBER** 1002987

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Chemically inert composite nozzle & body. Body color coded to nozzle size  
XFC o-ring for increased chemical resistance to reduce o-ring swelling  
Teflon® check ball  
Hastelloy® spring  
Proprietary quick connection linking injector to metering dial  
VersaDial device filter (replaceable)  
1/4” hose barb  
Composite Chem-Flex™ VersaDial injector (PC2)  
Proprietary quick connection linking injector to metering dial

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SEE BACK PAGE FOR DILUTION RATIOS
### VERSADIAL™ CONTROL SYSTEM

#### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Max Pressure Inlet / Outlet (Injectors)</th>
<th>Up to 250 PSI (17 bar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Range</td>
<td>33°F - 140°F (5°C - 60°C)</td>
</tr>
<tr>
<td>Metering Filter Screen</td>
<td>150 Micron Screen</td>
</tr>
<tr>
<td>Maximum Wrench Torque (PC1, PC2)</td>
<td>Hand Tighten Only (30 in-lbs)</td>
</tr>
<tr>
<td>PC1 Inlet/Outlet Connection</td>
<td>PC1 x 1/4” MNPT</td>
</tr>
<tr>
<td>PC2 Inlet/Outlet Connection</td>
<td>PC2 x 3/8” MNPT</td>
</tr>
<tr>
<td>PC3 Inlet/Outlet Connection</td>
<td>PC3 x 3/4” MNPT</td>
</tr>
</tbody>
</table>

#### NOTE:

Draw rates are based on water through the metering device and are meant as a starting point for system configuration. Specific draw rates will vary based on specific gravity and viscosity of product.

<table>
<thead>
<tr>
<th>Flow Rate (GPM) at 200 PSI</th>
<th>0.25</th>
<th>0.50</th>
<th>0.75</th>
<th>1.00</th>
<th>1.50</th>
<th>2.00</th>
<th>2.25</th>
<th>3.00</th>
<th>3.25</th>
<th>3.75</th>
<th>4.50</th>
<th>5.50</th>
<th>8.0</th>
<th>10.0</th>
<th>12.0</th>
<th>15.0</th>
</tr>
</thead>
</table>
| Injector Color            | White| Tan  | Orange| Gray | Blue | Light Blue | Light Green | Pink | Purple | Dark Green | Black | Black | Black | Black | Black | Yellow | }

#### Temperature Range

T: 952-808-3640 • F: 952-808-3650