

## Project Overview

<b>Project Type</b>	<ul style="list-style-type: none"><li>• Medical filter assembly leak testing</li><li>• 30 psi pressure decay test</li></ul>
<b>Customer Motivation</b>	<ul style="list-style-type: none"><li>• Customer's existing filter testing was leaving particulate inside of part body</li><li>• Customer company has a zero tolerance policy for visible particulate.</li></ul>
<b>Customer Requirements</b>	<ul style="list-style-type: none"><li>• Design a solution with the lowest possible particulate generation</li><li>• Seal on the exterior or face of test pieces</li><li>• No marking or marring on test pieces</li></ul>
<b>FasTest Solutions</b>	<ul style="list-style-type: none"><li>• Custom designed FEG for 1/2" and 9/16" hose barbs, and 3/4" and 1 1/2" sanitary flange</li><li>• Custom FasMate for 1/4" NPT plastic threads</li></ul>



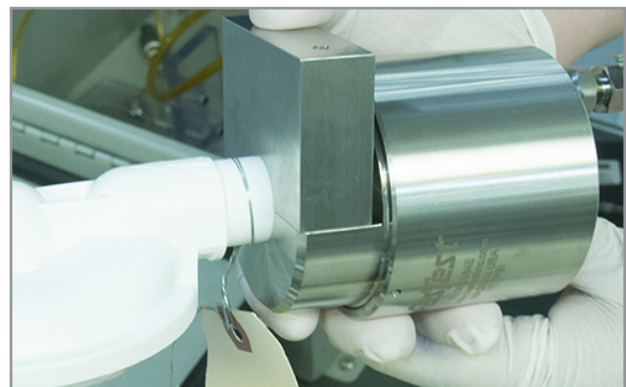
**FEG with Stainless Steel Construction:** Lead time improvement due to elimination of medical grade anodizing for aluminum. Also includes cradle for sanitary flange connection.



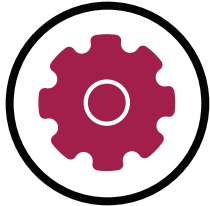
**FEG with FDA Class 6 Seal/White:** Greatly reduces seal particulate generation.



**Plastic Collet FasMate connector:** Polypropylene collets for 1/4" NPT threads ensures zero marking or marring on threaded plastic test pieces.



**Clamshell design applied to the hose barb test connectors** helps hold parts with less pronounced profiles. Actuation for top half provided by machine builder.



FastTest<sup>®</sup>

## Engineered Solutions

FasTest is able to use and adapt our core products and other components to solve your connection requirements. **We are committed to working in partnership with our customers to provide the ideal custom solution.**

## Need a Custom Solution?

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