

## Reduce Product Scrap by Eliminating False Failures

FasTest has integrated Connection Verification™ technology into the ME01 connection tool for leak testing medical devices and components. Connection Verification™ allows users to verify a leak-tight connection has been made prior to starting a test and help eliminate costly False Failures.



### Improve Your Device Testing Process

- **Verify connections** prior to starting a leak test
- **Reduce product scrap** caused by False Failures
- **Instant non-marring, leak-tight connections** up to 500 psi
- **Pneumatic actuation** for high cycle testing
- Help ensure **product quality & customer safety**
- **FDA compliant** materials and seals

### Testing Applications

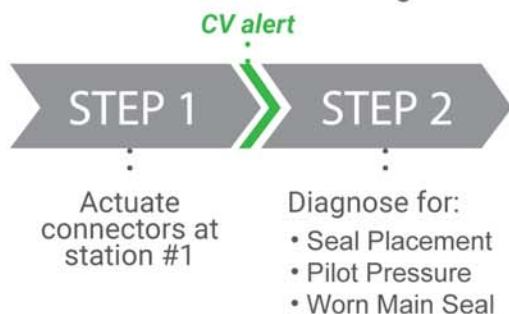
- Luers
- Lumens
- Stents
- Catheters
- Reconstitution Devices

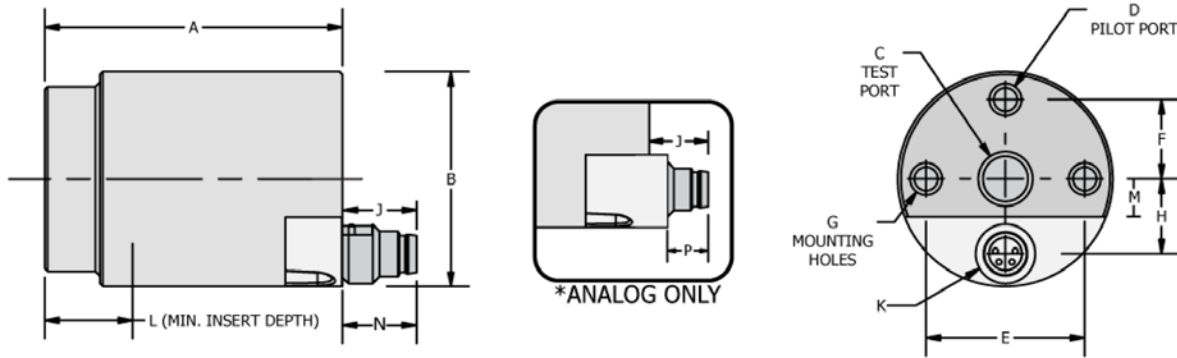
**A False Failure occurs when a leak-free product fails a leak test due to a setup problem.**

Current Medical Device Leak Testing:



Medical Device Leak Testing with Connection Verification™:





Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G	Dim H	Dim J	Dim K	Dim L	Dim M	Dim N	Dim P
2.05 (52.1)	1.49 (37.9)	1/8" NPT	10-32" UNF	1.10 (28.0)	0.55 (14.0)	10-32" UNF	0.52 (13.3)	0.52 (13.3)	0.41 (10.4)	0.58 (14.8)	0.26 (6.6)	0.52 (13.2)	0.29 (7.4)

Dimensions in inches (mm)

## Technical Specifications

<b>Part ID</b>	NPN: ME01CV03NPN PNP: ME01CV03PNP Analog: ME01CV03ANA
<b>Connection Method</b>	Automated Pneumatic
<b>Housing Materials</b>	Aluminum
<b>Main Seal Washers</b>	Steel QPQ treated or Stainless Steel
<b>Main Seal</b>	FDA approved Neoprene
<b>O-Rings</b>	FDA approved Viton
<b>Operating Pressure</b>	500 psi (34.4 bar)
<b>Pilot Operation</b>	60 to 90 psi air supply
<b>Termination</b>	1/8" NPT (Female)

Additional SMART Specs:
NPN (max 100 mA load) PNP (max 20 mA load) Analog (0-10V)
Supply voltage: 24V
Over-voltage protection
Sealed electronics
Internal memory stores limits

## Seal Sets\*

Sealing Range	Main Seal	Bulk Kit (5)
.100"-.180"	MES0101	MEB0101
.180"-.260"	MES0102	MEB0102
.260"-.340"	MES0103	MEB0103
.340"-.420"	MES0104	MEB0104
.420"-.510"	MES0105	MEB0105

**\*Seal sets must be ordered separately from connector.**

**Only FasTest Genuine Parts should be used to maintain your FasTest quick connector.  
For replacement parts and seal kits, please visit [fastestinc.com](http://fastestinc.com) or contact your local FasTest Distributor.**

### Product Safety:

All FasTest products have been designed with safety in mind, however, it is the responsibility of the product users to design each process in such a way to avoid mishaps that can cause physical hazard or property loss. Secondary restraints such as safety chains, shields, cages or fixtures are all good choices depending on the application. FasTest can recommend or assist you in clarifying potential hazards of your application. Note: not suitable for water-dunk testing applications.