OPERATING INSTRUCTIONS

**Connector Maintenance:**
- A daily, weekly and periodic inspection of the connector by competent person is recommended. User must establish a regular interval for maintenance as determined by the user media and operational environment.
- Difficulty of operation after continual use indicates a need for lubrication or other maintenance.
- Use only original *FastTest* spare parts that are designed for the application and are subject to strict quality control. See Warranty.

**Safety Warnings – Guidelines:**
- If instructions are not completely understood by operator or components are missing, contact *FastTest* before attempting use of the connector.
- *FastTest* Connectors are not internally valved, and will not prevent loss of media when disconnected. Do not attempt to disconnect unless safe conditions are met.
- *FastTest* Connectors must only be used with test pieces of a specific size as indicated by the part number. Improper use could cause separation of the connector from the test piece resulting in physical harm or damage.

*FastTest, Inc. Product Warranty*
*FastTest, Inc.* warrants its products against defects of workmanship and/or material for 12 months from the date of the sale by *FastTest, Inc.* This warranty is void if the product is misused, tampered with or used in a manner that is not in accordance with *FastTest, Inc.* recommendations and/or instructions. *FastTest, Inc.* is not liable for consequential or other damages including, but not limited to, loss, damage, personal injury, or any other expense directly or indirectly arising from the use or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, WHETHER ORAL OR WRITTEN, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.
Remedy under this warranty is limited to replacement of the product or an account credit in the amount of the original selling price, at the option on *FastTest, Inc.* All allegedly defective products must be returned prepaid transportation to *FastTest, Inc.* along with information describing the products performance, unless disposition in the field is authorized in writing by *FastTest, Inc.*

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**CalMate (SA) Ferrule Connectors**

**Description:** *CalMate* Series Ferrule Connectors Seal on Sanitary Tube Fittings.

1/8” NPT TEST PORT

*CalMate* Connectors provide a reliable leak-tight connection that grips and seals on ferrule fittings and gaskets. Simply insert ferrule fitting and twist sleeve until tight.

Please thoroughly read and understand these operating instructions prior to operating the connector. The use of pressurized media for sealing and testing requires a thorough understanding of the *FastTest CalMate* Operating Instructions.
**OPERATING INSTRUCTIONS**

**Installation:**
Connect securely to the 1/8” NPT termination port of the connector.

**Operation:**

**Connecting Action:**
1. Move the sleeve back to disengage the connector. Holding the wrench flat end of the connector push the connector onto the test piece and gasket.

2. Slide sleeve completely forward. This will collapse the gripping balls.

3. Rotate the sleeve clockwise until hand tight for locking engagement. *(NOTE: NOTICE LOCATION OF SCREW HEAD)* The connector will be properly engaged when gripping balls are tight against the back side face of test piece.

![Diagram of connector installation](Image)

- **CAUTION:** The maximum rated pressure is stamped on the connector sleeve. Before using, verify that this pressure rating is within your working pressures.
- **WARNING:** Tug on the connector to assure proper engagement and gripping before introduction of pressurized media.
- **DO NOT** force connector onto test part when connecting. The insertion into the part and the forward motion of the sleeve should easily mate with the test piece. Forcing the connector will result in poor sealing and possible leakage.
- **DO NOT** turn or rotate connector after the engagement to test piece. Damage to the test part and the connector’s internal parts may result.

4. Activate test media through connector test port.

**Disconnecting Action:**
1. Deactivate test pressure.
2. Rotate sleeve counter-clockwise about 1/4 turn, then pull the sleeve all the way back. Separate connector from test piece and gasket.

![Diagram of connector disconnection](Image)