

70 ICON

Custom sleeve actuated external grip and seal connection tool for formed tube applications.

CONNECTS TO:



- 1 SURE SEAL™ - Instant LED feedback verifies a good connection onto the formed tube
- 2 Instant external formed tube connection with floating piston to ensure proper face / ID sealing position
- 3 Collet design locks securely onto external formed tubes
- 4 Connect and seal to expanded, flared, beaded, barbed and formed end tubing - custom built per application
- 5 Optional internal shut-off valve stops flow upon disconnection



SPECIFICATIONS

Pressure Rating	Operating Temperatures	Materials of Construction
Vacuum to 750 psi (51 bar)	-40°F to +250°F (-40°C to +121°C)	Stainless Steel, Anodized Aluminum
Termination Port		Seal Material*
NPT, BSPP (G)		Buna-N

* Additional seal material types available, consult factory.

ACTUATION METHOD

Manual Sleeve: Easy, ergonomic sleeve action eliminates repetitive twisting and turning - push to connect, pull to release

ICON™ TECHNOLOGY

 SURE SEAL™

ACCESSORIES

Visit fastestinc.com



ICON™

INTELLIGENT CONNECTION TECHNOLOGY

FasTest's ICON™ adds sensing capabilities to our mechanical Sealing Connection Tools. ICON™ Tools include instant LED visual feedback and data output to improve sealing connection accuracy, maximize production efficiency, and optimize maintenance.



ICON™ features:



SURE SEAL™

Instant LED feedback verifies a good connection prior to starting a test.

System Overview:

CONNECTED

Verify connections are good prior to starting a leak test and provide operators instant positive feedback to simplify training.



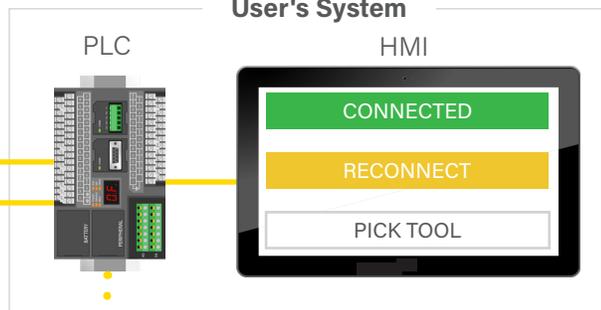
RECONNECT

Recognize short connects before hazardous spills occur in functional testing, or prevent wasteful False Positive results in leak testing.



PICK TOOL

Controllable LED signals operator to use specific tool.



Standalone install or tie into PLC



- Quickly setup ICON™ Tools
- Eliminate the need for PLC programming
- Can be powered from wall adapter (included) or from a PLC (24VDC)

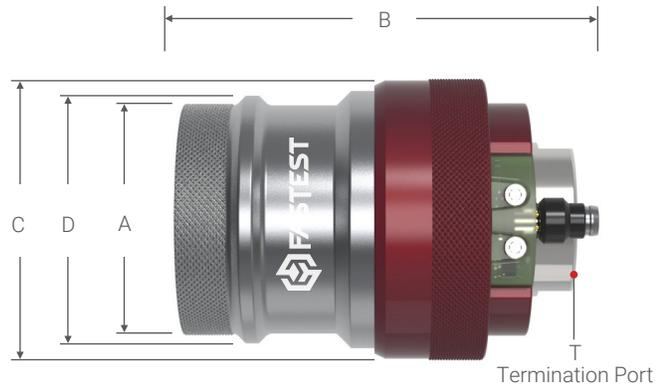
NOTE: Solid State Relay and Analog output options available.

70 / EXTERNAL SEALING CONNECTION TOOL

» Custom sleeve actuated external grip and seal connection tool for formed tube applications.

DIMENSIONS

inch (mm)



Ordering Information			Dimensions				
Feature Ø Range	Body Size	Part Number	A	B	C	D	T
Up to 0.67 (17.0)	70BG1	Determined by Application Consult Factory	1.47 (37.3)	3.49 (88.6)	2.00 (50.8)	1.65 (41.9)	1/4 NPT
Up to 1.00 (25.4)	70BG2	Determined by Application Consult Factory	1.74 (44.2)	3.72 (94.5)	2.205 (56.0)	1.92 (48.8)	3/8 NPT
Up to 1.37 (34.8)	70BG3	Determined by Application Consult Factory	2.13 (54.1)	3.72 (94.5)	2.595 (65.9)	2.31 (58.7)	3/4 NPT

Dimensions: inch (mm)

NOTE: Table above shows common connections. Additional sizes available for 70 Series connectors. Dimension A can be application dependant for other sizes. Consult factory for details.



HOW TO ORDER

70 Series Connectors are built to order. Contact FasTest for assistance and to request a quote.

Visit: www.fastestinc.com/en/applicationevaluation

Email: fastsales@fastestinc.com