

G-150 Tube Testing Gun Set



G-150 Testing Guns

G-450 Testing Guns

G-650 Testing Guns



The Fast, Effective Way To Test For Tube Leaks



Find leaking heat exchanger tubes quickly and easily, with EST's G-150 Tube Testing Gun Set. Just connect to plant air, insert the Air Injection Gun in one end of the tube, the Plugging Gun into the other, and press an air control valve. Air expands the seals on both guns and pressurizes the tube. When the pressure in the tube stabilizes, release the air control valve. Any reduction of pressure will be indicated on the integral pressure gauge to reveal even the smallest tube leak. With the G-150 Tube Testing Gun Set, you can pneumatically test from 3 to 10 tubes per minute — all with significantly less operator fatigue and greater operator safety. Comes complete with three rod and tube assemblies to test tubes from .28" to 1.23" (7.1 to 31.2 mm) ID.

Here's what the G-150 Tube Testing Gun Set has to offer:

- **Interchangeable Seal and Washer Sets:** Allows testing of tubes from .28" to 1.23" (7.1 to 31.2 mm) ID.
- **Light Weight:** Each gun weighs less than 2.1 lb (1 kg).
- **Uses standard plant air supplies from 40 to 125 psi (2.7 to 8.5 bar)¹.**
- **Standard seal material:** Neoprene, Viton® optional.
- **Quality Assurance System:** Meets requirements of ANSI N45.2, 10CFR50 Appendix B, 10CFR21, and is certified to ISO-9001.

1. Sizes .28-.48 are limited to 40-60 psi.



World Headquarters:
Expansion Seal Technologies
2701 Township Line Road
Hatfield, PA 19440-1770 USA
Tel: 1-215-721-1100 Fax: 1-215-721-1101
Toll-Free: 1-800-355-7044

Expansion Seal Technologies EMEA
Hoorn 312a • 2404 HL Alphen aan den Rijn
The Netherlands
Tel: +31-172-418841
Fax: +31-172-418849

Expansion Seal Technologies Asia Pte Ltd.
35 Tannery Rd, #11-10 Tannery Block
Ruby Industrial Complex
Singapore 347740
Tel: +65-6745-8560 Fax: +65-6742-8700

SPECIALISTS IN TUBE TESTING, SLEEVING AND PLUGGING TECHNOLOGY

AN ISO-9001 REGISTERED COMPANY

G-150 Tube Testing Guns

Part No.	Description	Tube ID Range
GSA-1500	G-150 Test Gun Package (with support tubes and regulator)	.28" to 1.23" (7.1 to 31.2 mm)
GSA-1504	G-150 Air Injection Gun (with support tubes and regulator)	.28" to 1.23" (7.1 to 31.2 mm)
GSA-1506	G-150 Plugging Gun (with support tubes)	.28" to 1.23" (7.1 to 31.2 mm)

G-150 Neoprene Seal And Washer Sets

Part number, GSA-XXXX-N, where XXXX is the number listed in the chart for the appropriate tube OD and BWG

Tube OD	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"	1-3/8"
BWG								
8-9	—	0030	0043	0056	0068	0081	0093	0106
10-11	—	0037	0047	0062	0072	0087	0097	0112
12-13	0028	0040	0053	0065	0078	0090	0103	0115
14-15	0033	0047	0056	0072	0083	0097	0110	0122
16-17	0037	0050	0062	0075	0087	0100	0112	—
18-19	0040	0053	0065	0078	0090	0103	0115	—
20-24	0043	0056	0068	0081	0093	0106	0118	—

Notes:

- Seal and washer sets for tube IDs .28"-.48" (7.1-31.2mm) contain (4) seals and (4) washers. All other seal and washer sets contain (2) seals and (4) washers.
- For seal sizing and part numbers for applications in SWG, metric, or other tube sizes, contact EST directly.
- Optional seal material: Viton®.

G-150A Tube Testing Gun Set



The G-150A Testing Guns operate in tube sizes up to 2.53" ID (64.3 mm), and weigh less than 2.7 lbs (1.2 kg) each.

G Series Guns now come with a durable tool box that includes a new seal size gage, as well as internal compartments for the storage of seals and rod and tube extensions.

Specifications subject to change without notice.

G-150 Support Tube Assemblies

Longer lengths (1-4 ft) can be used for easier testing when a channel head or water box is present.

Length	Tube ID Range	Part Number
Standard	.28" to .48" (7.1 to 12.3 mm)	GSA-1510
	.49" to .83" (12.4 to 21.2 mm)	GSA-1511
	.84" to 1.23" (21.3 to 31.2 mm)	GSA-1512
1 ft (304.8 mm)	.28" to .48" (7.1 to 12.3 mm)	GSA-1510-01
	.49" to .83" (12.4 to 21.2 mm)	GSA-1511-01
	.84" to 1.23" (21.3 to 31.2 mm)	GSA-1512-01
2 ft (609.6 mm)	.28" to .48" (7.1 to 12.3 mm)	GSA-1510-02
	.49" to .83" (12.4 to 21.2 mm)	GSA-1511-02
	.84" to 1.23" (21.3 to 31.2 mm)	GSA-1512-02
3 ft (914.4 mm)	.28" to .48" (7.1 to 12.3 mm)	GSA-1510-03
	.49" to .83" (12.4 to 21.2 mm)	GSA-1511-03
	.84" to 1.23" (21.3 to 31.2 mm)	GSA-1512-03
4 ft (1,219.2 mm)	.28" to .48" (7.1 to 12.3 mm)	GSA-1510-04
	.49" to .83" (12.4 to 21.2 mm)	GSA-1511-04
	.84" to 1.23" (21.3 to 31.2 mm)	GSA-1512-04

Note: The .28-.48 size support tube is limited to 60 psi max. A regulator is supplied with the set for this purpose.



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