





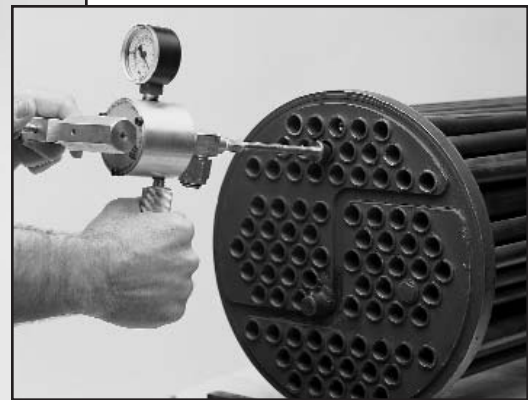


Expansion Seal Technologies
 EST Heat Exchanger LLC
 EST Field Services

G-250 Vacuum Tube Testing Gun Set



-  **G-250 Testing Guns**
-  **G-150 Testing Guns**
-  **G-450 Testing Guns**
-  **G-650 Testing Guns**



A Fast & Effective Way To Test for Tube Leaks



Locating tube leaks is faster than ever using the G-250 Test Gun Set. Operating the G-250 Guns is simple. Connect shop air to the active vacuum gun. Insert the active and passive guns into the ends of the subject tube. Press a control valve and an integral vacuum generator quickly and efficiently evacuates the tube. Any loss of vacuum indicated on the gauge indicates a tube leak. The tapered seal design allows you to test a large range of tube ID's without changing out the seals, washers, or support rods.

Here's what the G-250 Tube Testing Gun Set has to offer:

- **Only Two Seal & Washer Sets:** Allows testing from 0.28" to 1.45" (7.1-36.8mm) with only two seal sizes.
- **Lightweight:** Gun and T-Handle weigh less than 2.1 lbs (1 kg)
- **Operates on plant air supply from 40 to 125 psi (2.7 to 8.6 bar)**
- **Standard Seal Materials:** Neoprene
- **Quality Assurance System:** Manufactured under QA program certified to ISO-9001. Can be supplied under ANSI N45.2, 10CFR50 Appendix B 10CFR21.



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SPECIALISTS IN TUBE TESTING, SLEEVING AND PLUGGING TECHNOLOGY

AN ISO-9001 REGISTERED COMPANY

G-250 Tube Testing Guns

Part No.	Description	Tube ID Range
GSV-2500	G-250 Test Gun Package (with support rods)	.28-1.45" (7.1 to 36.8 mm)

G-250 Neoprene Seal & Washer Sets

Part number: **GSV-S-N** for .28" thru .69" (7.1 to 17.5mm) ID tubes.
 GSV-L-N for .64" thru 1.45" (15.5 to 36.8 mm) ID tubes.

Tube OD BWG	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"
8-9	GSV-S-N	GSV-S-N	GSV-S-N	GSV-S-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N
10-11	GSV-S-N	GSV-S-N	GSV-S-N	GSV-S-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N
12-13	GSV-S-N	GSV-S-N	GSV-S-N	GSV-S-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N
14-15	GSV-S-N	GSV-S-N	GSV-S-N	GSV-S-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N
16-17	GSV-S-N	GSV-S-N	GSV-S-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N
18-19	GSV-S-N	GSV-S-N	GSV-S-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N
20-24	GSV-S-N	GSV-S-N	GSV-S-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N	GSV-L-N

Notes:

1. G-250 seal and washer set contain two seals and four washers.
2. For seal sizing and part numbers for applications in SWG, metric or other tube sizes, contact EST directly.
3. Optional seal material: fluoroelastomer.
4. Optional digital vacuum gage.

Other EST Tube Testing Products

- **G-150 Tube Testing Guns**-Leak test heat exchanger tubes by pressurizing individual tubes at working pressures to 125 psi (8.6 Bar).
- **G-450 Test Gun**-Test straight heat exchanger tubes without having to remove both heads. Perfect for hydrogen cooler and turbine oil coolers tube testing. Utilizes plant air supplies from 40 to 125 psi (2.7 to 8.6 Bar).
- **G-650 Test Gun**-Vacuum Test expanded tube-to-tubesheet joints for leakage at the joint. Ideal for heat exchangers manufacturers or when re-tubing. Available for 1/2" through 2 1/2" nominal tubes.
- **HJT-2500 Hydrostatic Tube Joint Tester**-Pressure test tube-to-tubesheet joints or boiler tube-to-drum joints for leakage at working pressures up to 2500 psi (172 Bar).

G-250 Rod & Tube Extensions

For easier testing when a channel head or water box is present.

Length	Tube ID Range	Vacuum Gun Part	T-Handle Part No.
Standard	.28" to .69" (7.1 to 17.5 mm)	GSV-2510	GSV-2510
	.64" to 1.45" (16.3 to 36.8mm)	GSV-2512	GSV-2612
1 ft (304.8mm)	.28" TO .69" (7.1 to 17.5mm)	GSV-2510-01	GSV-2510-01
	.64" to 1.45" (16.3 to 36.8mm)	GSV-2512-01	GSV-2512-01
2 ft (609.6 mm)	.28" to .69" (7.1 to 17.5mm)	GSV-2510-02	GSV-2510-02
	.64" to 1.45" (16.3 to 36.8mm)	GSV-2512-02	GSV-2512-02
3 ft (914.4 mm)	.28" to .69" (7.1 to 17.5mm)	GSV-2510-03	GSV-2510-03
	.64" to 1.45" (16.3 to 36.8mm)	GSV-2512-03	GSV-2512-03
4 ft (1,219.2mm)	.28" to .69" (7.1 to 17.5mm)	GSV-2510-04	GSV-2510-04
	.28" to .69" (16.3 to 36.8mm)	GSV-2512-04	GSV-2512-04

G-Series Guns now come with a durable tool box with internal compartments for the storage of seals and rod and tube extensions



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