G-650 Vacuum Joint Tester

*Find Tube Joint Leaks Fast*

Quickly test expanded tube-to-tubesheet joints for leakage. Ideal for heat exchanger manufacturers or companies performing retubing operations. The G-650 Vacuum Joint Tester seals the tube I.D. and the tubesheet face, then evacuates the tube end at the joint. A loss of vacuum indicates a leaky tube joint.

Interchangeable manifolds and seal & washer sets allow the G-650 Tool to test tube-to-tubesheet joints on 3/8” to 1¼” (9.5mm to 31.8mm) O.D. tubes.

Larger G-650A Vacuum Joint Tester will accommodate tube O.D. sizes from 1½” to 2½” (38.1-63.5mm). Digital Pressure Gauges are also available. Uses standard compressed air supply - 40 to 125 PsiG (2.7 to 8.5 BarG).

**Interchangeable**
Manifolds/Seal & Washer sets for G-650 3/8 -1¼ in (9.53 - 31.75 mm)
& G-650A 1½ - 2½ in (38.1 - 63.5 mm)

**Standard Seal Material**
Neoprene, Fluroelastomer (Viton® or equivalent) optional

**Lightweight**
Weighs less than 2.7 lbs. (1.2 kg), when equipped with a 3/4 in manifold

**Uses standard plant air supplies**
40 -125 PsiG (2.8 -8.6 BarG)

Compliant with several QA Systems, including; ANSI N45.2,
10 CFR 50 App. B, and 10 CFR 21

Manufactured in an ISO 9001 registered facility

For more information on our full line of Tube Testing Tools, please visit [www.cw-estgroup.com](http://www.cw-estgroup.com)
### G-650 Vacuum Joint Tester

#### Length (feet(cm)) | Part Number
---|---
1 (30.5) | GSC-6700-01
2 (61.0) | GSC-6700-02
3 (91.4) | GSC-6700-03
4 (121.9) | GSC-6700-04

### G-650 / G-650A Manifold Extensions

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

### G-650 / G-650A Neoprene Seal and Washer Set

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<th>1/2&quot;</th>
<th>5/8&quot;</th>
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**Viton® is a registered trademark of Du Pont Dow Elastomers**

### Notes
1. Tube ID range is for pricing of seal/washer sets only. The actual size needed for the XXXX number is listed in the BWG sizing chart below.
2. Seal and Washer sets contain two seals and four washers
3. Standard seal material is (-N) Neoprene. Alternate seal material is (-V) Fluoroelastomer, Viton® or equivalent
4. Caution: G-650 tools cannot be used where the tubesheet is extremely corroded/eroded; where tube ends are flared and flares overlap; or where tube-to-tubesheet joints are welded.

### Ordering Information
- Please provide tube OD
- Provide tube pitch & weld size if available

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