



G-650 Vacuum Joint Testers

Identify Tube Joint Leaks Fast

Key Features

- Lightweight - Weighs less than 2.7 lbs. (1.2 kg), when equipped with a 3/4 in manifold
- Uses standard plant air supplies from 40 to 125 PsiG (2.7 to 8.6 BarG)
- Interchangeable Manifolds/
Seal & Washer sets
 - 3/8 - 1 1/4 in (9.53-31.75 mm)
 - G-650A 1 1/2 - 2 1/2 in (38.1-63.5 mm)
- 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

Technical Documents

- [DC2070 - Operating Procedures for G-650 Vacuum Joint Testing Tool](#)

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 1 1/4" (9.5mm to 31.8mm) O.D. tubes.

Larger G-650A Vacuum Joint Tester will accommodate tube O.D. sizes from 1 1/2" to 2 1/2" (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).

Standard Materials

- Neoprene
 - Optional Seal Material: fluoroelastomer (Viton® or equivalent)



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