

NorCom 410 Gross Leak Test System

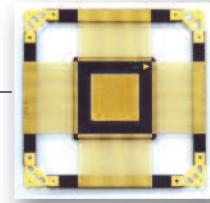
For single-device inspection

Accurate gross leak testing made simple

For fast, accurate gross leak testing of hermetic electronic packages, trust the NorCom 410. Using air pressure alone, the NorCom 410 inspects a single device for gross leaks in less than 15 seconds reporting the result as Pass or Fail. If needed, the system can report the actual leak rate in just minutes using a second mode of operation.

Compare bubble leak testing to this simple, safe, alternative:

- **Fast** – Detects open packages and gross leaks in less than 15 seconds. A second mode of operation measures leak rates to 5.0E-6 cc atm/sec air in just minutes.
- **Simple** – The NorCom 410 is easy to set up and operate using the built-in touch screen.
- **Clean, safe and economical** – All electronic, the system requires no expensive consumables, radioactive materials or pollutants like fluorocarbons or red dye.
- **Accurate** – Meets MIL-STD 883 TM1014 Condition C4, and MIL-STD 750 TM1071 Condition L1.
- **Tests a wide range of devices** – Metal, ceramic, silicone, and glass-lidded devices are all supported.



www.norcomsystemsinc.com

NorCom 410

Gross Leak Test System

For single-device inspection

A cleaner, safer way to detect gross leaks

The NorCom 410 saves you time, expense and risk. It replaces bubble leak testing, eliminates polluting fluorocarbons, helium for mass spectroscopy, and radioactive Krypton tracer gases for part bombing. It eliminates pollution, radiation, the cost of consumables, and the subjectivity of the bubble leak test.

The benchtop system is suitable for almost any electronic package geometry and production environment. Self-contained, it includes everything you need for testing in one unit. A barcode reader for data entry and LAN connectivity are available as options.



Easy to use: The built-in touch screen guides the operator through the quick, simple procedure. Use the optional barcode reader for fast data entry.

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Specifications

Dimensions	20.0" x 8.0" x 9.5"
Weight	25 lbs.
Power	110-220 VAC 50/60 Hz
Maximum Part Size	3 x 4 x 2 inches
Typical test time for gross or open device	10 seconds/part
Report leak rate to 5.0E-6 cc atm/sec air	Test time dependent on device geometry

Device Types Tested

- Metal Lidded Packages
- Ceramic Lidded Devices
- Si Lidded Devices
- Hybrids
- Sensors
- Displays
- Microwave
- Fiber Optic Devices
- Relays

Applications

- Medical
- Aerospace
- Marine
- Automotive
- Consumer Electronics

NorCom 410 System includes:

Computer with built-in touch screen interface, test cell, and test electronics.

Options:

Barcode reader, LAN connectivity

Patents:

The NorCom 410 is manufactured under US Patent 6,843,107 and foreign patents. Other patents pending.

