

Flexible, modular leak testing systems with quick-change capabilities from InterTech for faster testing on more parts.

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The Challenge of Flexibility in Leak Testing

With demand on the rise for flexible manufacturing, production teams need leak testing technology that adapts quickly and efficiently to fast throughput, short runs and more part variety. Detection hardware and instruments must be modular, and software has to be versatile to maintain the highest quality standards now and for future product iterations. Simply put: built-in adaptability is essential.

Engineered for Quick Change: The InterTech Solution

Parts vary in shape and configuration, but quick-change fixtures from InterTech take the worry out of model changeover. Interlocked sensors guarantee the right part settings with every change, and InterTech instruments double as fixture controls to eliminate the need for expensive PLCs. Error-proof, flexible leak testing is built into the DNA of InterTech technology from hardware design to multi-functional instrumentation.

Save time, capital expense and operator effort with:

- Quick-change fixturing that adapts to short run production schedules (other parts can be tested on the same machine)
- Fixture design ensures only parts with the right dimensions are tested (interchangeable fixtures use poka-yoke considerations)
- I/O ports that take inputs from sensors and light curtains for fast and easy changeover between test stands (no need for expensive PLCs)
- Flexibility to change sequences in tests based on the results of prior steps (customize testing and store up to 99 programs to eliminate wasted time associated with complex changeover procedures)
- Intuitive graphical user interface with touch screens empower operators of all skill levels (includes multiple language options)
- Barcode connections compatible with most hand-held or fix-mounted scanners (2-D and single line)
- Ethernet connectivity for seamless integration into existing factory networks or enterprise solutions (ensure traceability and compliance with ISO 16949 requirements)
- Embedded web pages allow managers to monitor and access operations remotely (interactive test parameters for easy updates)
- USB ports for speedy data backups (upload/download data files and programs)



InterTech technology provides the flexibility to quickly test part families as shown.

Save Time and Money with Versatile Technology from InterTech

Error proofing is engineered into InterTech technology through poka-yoke considerations on interchangeable fixtures and tooling. Instruments with data monitoring and Ethernet capability give you full control and traceability. As a result, a wide range of part variety is accommodated on the same stand which saves time and money.

Versatility and savings are further enhanced with touch screens and selectable I/O ports from InterTech instruments which make it easy to add, edit and change programs and part parameters. For example, you can remotely control pressure limits and fill times, upper and lower calibration factors and many other variables.

InterTech technology is compact and modular so your investment in mass flow leak detection is guaranteed to be a single solution for many parts – even ones you have not yet launched. Connections are simple; programs are highly customizable, and instruments are ready to be used as independent test systems or integrated into a fully automatic station. Return on investment is assured now and over time as your needs unfold.