INDUSTRY LEADER IN PRODUCTION TEST EQUIPMENT

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Free 24/7 phone support
Applications lab
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WORLD CLASS TESTING SOLUTIONS
Standard Products · Custom Design · Integration
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Scan to view our web site
www.cincinnati-test.com

Providing world-class leak test and assembly verification solutions to industries around the globe.
Experts In Medical Device Testing

Since 1981, CTS has grown to become a world renowned manufacturer of production test equipment. We’ve earned a strong reputation for developing leak testing and assembly verification solutions for a variety of markets, including the medical device field. Our proven track record of delivering winning solutions for our clients’ has helped us become the industry leader.

In today’s competitive marketplace, medical device manufacturers adhere to stringent regulatory demands to make sure these devices function properly and are built to the highest quality. That’s why we work closely with our customers to develop solutions that satisfy those requirements and provide uncompromising reliability and functionality.

Market Need

Medical devices are used around the globe to improve our quality of health. These devices are typically associated with high risk and testing is held to a higher quality standard. Our overall knowledge and experience with testing medical devices is why so many customers trust CTS with products that demand high quality, traceability, and performance. As a result, clients throughout the world rely on CTS taking the lead in providing testing solutions for the products they deliver.

From simple manual fixtures to complete fully-automatic turnkey systems, CTS can design and manufacture custom leak, flow, and functional test systems tailored to your unique requirements.

Medical Device Applications

- Balloon & Drainage Catheters
- Cassettes
- Check / Pressure Relief Valves
- Chest Drainage Kits
- Drug Delivery Systems
- Endoscopy Probes
- Filters
- Flow Cannula
- Flow Controllers
- Inflators
- IV Delivery Sets
- Multi-Lumen Catheters
- Needle Free Sites
- Orthopedic Support Pads
- Pumps
- Pressure Cuffs
- Pacemakers / Defibrillators
- Sheath Introducers
- Solution / Blood Bags
- …and many more

Custom Medical Bag Testing Application (Fully Designed and Integrated by CTS)

Test Methods

- Pressure decay leak test
- Pressure gain leak test
- Pressure differential leak test
- Sealed component leak test
- Inter-lumen leak test
- Vacuum decay leak test
- Inflation and deflation confirmation
- Mass flow test
- Creep test
- Proof test
- Burst test
- Check valve cracking test
- Occlusion (blockage) test
- Multiple test linking
- …and other custom test solutions

Advanced Features and Benefits

- Patented Auto Setup of Test Programs
- 99 Test Programs (linkable)
- Onboard Result Storage + Advanced Communications
- Multiple Languages (including Spanish, Chinese, Korean and Portuguese)
- 2-Year Warranty (Global)
- No-Charge 24/7 Phone Support
- …and much more

Our Core Competency is “TEST”. With over 31 years of product and system design and integration, CTS understands the challenges associated with production better than anyone. Trust your production test applications with CTS and rest assured it is tested by the best.

Test Capabilities include but are not limited to:

- Calibration: Air – Fluid – Tracer Gas
- Assembly Verification: Signature Analysis – Vision – Tolerance
- Burst test
- Check valve cracking test
- Occlusion (blockage) test
- Multiple test linking
- …and other custom test solutions

Complete line of manual and pneumatically actuated medical-grade CTS Connects designed to easily adapt to luer fittings, tubing, and other configurations. Connects minimize ergonomic issues and allow poke-yoke “mistake-proofing” functionality established to lock a failed part(s) into the sealing fixture until action is taken.

Other Sentinel Testing Instruments

CTS offers a complete line of leak test instruments to meet the needs of our customers based on technology required, complexity of the test, or budget constraints.

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