

## Educational Seminar

# Leak Testing

August 27, 2025 9:00AM, Lunch, 3:30 PM

2821 South Parker Rd, Aurora, CO \$100 a person

Sign up at [ZAXIS Leak training](#)



## RG Tech, Inc.

Providing Manufacturing Solutions  
Colorado, Utah, New Mexico, Wyoming



## Multi-Function Air Leak and Flow Test types

- [Pressure Decay Test](#): Measures leaks by observing pressure changes within a closed system.
- [Differential Pressure Decay Test](#):
- [Vacuum Decay Test](#): Determines leaks by monitoring pressure changes in a vacuum-sealed system.
- [Occlusion Test](#): Checks for leaks by assessing the flow rate through an object or system.
- [Mass Flow Test](#): Measures leaks by analyzing the flow rate of gas or liquid.
- [Burst Pressure Leak Test](#): Determines the pressure at which a product fails, indicating potential leaks.
- [Pressure Cracking Test](#): Identifies leaks by assessing pressure fluctuations that cause cracks.
- [Chamber Test](#): Examines leaks by testing products or systems within a controlled chamber environment.
- [VM3 volumetric air leak test](#): VM3 volumetric air leak tester catheter balloon (without external air 0.1CC to 60cc)

### Some Products to leak and pressure test during and after manufacturing

- |                         |                                |  |                                |
|-------------------------|--------------------------------|--|--------------------------------|
| • Catheters             | • Packaging                    | • Cylinder head leak tests               | • Water Bottle Valves          |
| • IV Set                | • Radios                       | • Powertrain leak tests                  | • Adjustable Air Beds          |
| • Tubing                | • Cell phones and smartwatches | • Electrical component leak tests        | • Glucose Sensor Implants      |
| • Needleless Injection  | • Diving Watches               | • EV battery leak tests                  | • Smartphones                  |
| • Bag                   | • Fuel tank leak tests         | • Airbags and airbag assembly leak tests | • Smartwatches                 |
| • Implantable Device    | • Fuel injector leak tests     | • Smartphones                            | • Underwater Lights            |
| • Infusion Set          | • Exhaust manifold leak tests  | • Water Bladder Bags                     | • Automotive Proximity Sensors |
| • Metering Devices      | • Intake manifold leak tests   | • Gear Watches                           | • Wireless Tower Antennas      |
| • Sensors/Indicators    | • Engine block leak tests      | • Construction Masks                     | • GPS locators                 |
| • Implantable devices   |                                |  | • Catheter Tip Seal            |
| • Electronic enclosures |                                |  | • Catheter Bag                 |
|                         |                                |  | • Catheter Luer                |
|                         |                                |  | • Fluid/Blood Bags             |



Also from Zaxis

## Precision Fluid Metering Pumps

Fluid (eVmP) electronic Variable metering



**MicroLiter Pumps** – M series (2.5µL/rev – 100µL/rev) to 1000 rpm

**Micro-Milli Pumps** – V Series (25µL/rev – 1.28mL/rev) to 1000 rpm

**MilliLiter Pumps** – VS10 Series (0.1mL/rev – 10mL/rev) to 1000 rpm

### Liter, Milli-Liter, and Micro-Liter pumping and dispensing

- Reagent kits
- Reagents strips
- Hydrogels
- Pre-filled doses
- [Soft gel manufacturing](#)
- Metering Adulticides and Larvicides
- Water Conditioning
- Water and Wastewater Analysis Reagent Kits
- Coating Seeds and Fertilizer Pellets
- Sewage Overflow Monitoring
- Soil Composition Testing
- 1% accuracy and 0.5% repeatability
- Extremely tight tolerances
- Valveless design for minimal maintenance
- Ability to deliver millions of maintenance-free cycles
- 100% positive displacement
- Various flow rates to match your specifications
- Fast product changeover as no disassembly is required
- No manual adjustments needed between recipe or batch changeover
- Switch batches or recipes in minutes instead of hours
- No risk of human error during manual adjustments
- Stainless steel or ceramic Kynar wetted path materials
- Ceramic internals to withstand corrosive chemicals, solutions, or particulates
- Clean-in-place (CIP) capabilities to minimize system shutdowns



*Leak & Flow Testing Seminar*