



**InstronTek®  
Inc.**

innovators in instrumentation technology

# PRODUCT CATALOG

**InstroTek® Inc.**, was founded in 1997 with a vision to provide the construction industry with innovative product solutions and unmatched customer service. We believe we have met this challenge and that our innovative solutions have established *InstroTek* as a world-leading instrumentation company worldwide in the construction and transportation industries.

Acquisitions of **CPN International & HMA Lab Supply** have established *InstroTek* as one of the most trusted instrumentation companies in the materials testing industry. The in-depth knowledge of nuclear and non-nuclear instrumentation enables our company to address some of the industry's most complicated measurement problems.

Our expertise and years of experience in density and moisture measurement have resulted in numerous patented products, including the *CoreDry*® (for rapid drying of asphalt cores) and the *CoreLok*® (for bulk, maximum and aggregate gravities). Both products help reduce testing time, improve precision and decrease discrepancies between agencies and contractors.

Our *Xplorer™ 3500* and *CPN MC Elite™ Series* moisture/density gauges, have been utilized and trusted in the industry for over 40 years. *The MiST™*, an advanced solution to quickly age and condition asphalt samples for moisture sensitivity, the *SmarTracker™*, *Hamburg Wheel Tracker* and *Auto\_SCB™*, for cracking potential, are being considered for asphalt design and quality control around the world.

With seven locations throughout the U.S. and a large network of international distributors, our customers are never far from our experienced and knowledgeable representatives. Our corporate office is located in Raleigh, North Carolina. Satellite offices bring superior nuclear gauge and on-site field laboratory calibration and service to all areas of the U.S.

We appreciate and realize that your support and loyalty over the years is one of the reasons for our success and we look forward to serving you for many more years, from more locations within the U.S. and internationally.



## OUR MISSION

*“We strive to lead our industry through innovative instrumentation, exemplary customer service and an infrastructure of proud, dedicated employees.”*

— **Ali Regimand**  
President, *InstroTek, Inc.*

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# MiST™

## ASPHALT MOISTURE SENSITIVITY TESTING

### Adhesion & Cohesion All Rolled into One!

InstroTek's **Moisture Induced Stress Tester (MiST)** is the only realistic method of conditioning asphalt samples to determine moisture sensitivity. Proper testing and screening of asphalt mixes for moisture susceptibility is a crucial requirement for designing high-performance and long-lasting pavements. *MiST* is designed to simulate asphalt pavement adhesion and cohesion mechanisms—due to the presence of water and repeated traffic loading for determination of adhesive and cohesive pavement failure.

Current moisture sensitivity tests suffer from poor repeatability and test times that can take up to seven days, which results in only partial information on the moisture sensitivity of the mixture.

InstroTek's *MiST* can condition samples in 24 hours based on **ASTM D7870**. The system consists of exposing samples to moisture with a pressurized chamber that pushes and pulls water through a compacted asphalt sample. This simulates the action of an automobile tire on a wet surface creating pore pressure and scouring within the asphalt layer.

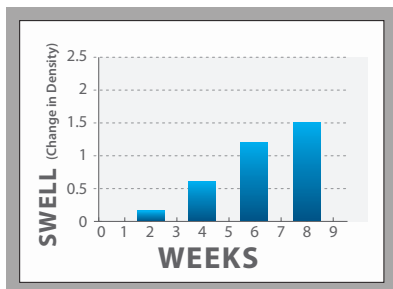
### ADVANTAGES

- Meets **ASTM D7870**
- A new way to condition asphalt for determination of cohesion and adhesion failures on pavements caused by moisture
- Designed to simulate asphalt pavement stripping mechanisms
- Conditions samples in 24 hours

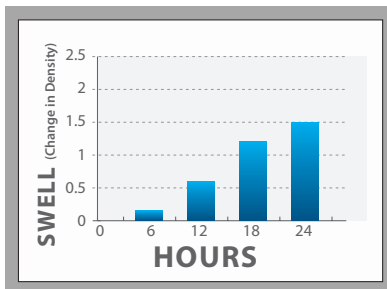


ASTM D7870  
U.S. Patents 8,020,451 – 6,799,471 – 8312776

### LENGTH OF TIME TO ACHIEVE FULL MOISTURE DAMAGE



Under normal conditions



MiST method



# CORELOK®

## ONE MACHINE FOR ALL YOUR GRAVITY MEASUREMENTS

The **CoreLok** is a system for sealing asphalt samples so that sample densities may be measured by water displacement method. Samples are automatically sealed in specially designed puncture resistant polymer bags. Densities measured with the *CoreLok* are highly reproducible and accurate. The results are not dependent on material type, sample shape, or technician judgement. The *GravitySuite* PC software makes calculations and data storage effortless for laboratory technicians.

### BULK SPECIFIC GRAVITY

- Meets **ASTM D6752, AASHTO T 331**
- The *CoreLok* is the most accurate test method for high air void and open graded mixtures such as OGFC, SMA and rubberized asphalt
- The *CoreLok* has proven to match the results of traditional test methods for dense graded asphalt mixtures
- The sample is sealed with specially designed polymer bags
- The sample is then submerged into water to get an accurate underwater weight and volume

### MAXIMUM SPECIFIC GRAVITY

- Meets **ASTM D6857**
- The *CoreLok* can perform the Max Specific Gravity in less than 10 minutes. Traditional tests can take up to 30 minutes
- The *CoreLok* produces the same test results as traditional Max Gravity (Rice) test method

### AGGREGATE APPARENT GRAVITY AND ABSORPTION

- Meets **ASTM D7370**
- The *CoreLok* performs this test in under 30 minutes; an ideal test for quality control at asphalt and concrete plants
- Traditional test methods can take up to 2 days
- The AggPlus process is simple and repeatable with only a few steps
- Process does not depend on operator judgement that can vary results

### EFFECTIVE AIR VOIDS, POROSITY

- Meets **ASTM D7063**
- Great indicator of mix permeability and durability
- Simple and effective test



ASTM D6752, D687, D7370, D7063  
AASHTO T 331

# COREDRIY®

## THE STANDARD IN ASPHALT DRYING

Since 2004, the original **CoreDry** system has set the standard for fast and efficient drying of compacted asphalt samples. Engineered specifically for the asphalt industry, *CoreDry* has been utilized world-wide to reduce discrepancies between agencies and contractors, improve timeliness of lab density results, and achieve accurate, consistent dry weights for density results. InstronTek pioneered this critical technology specifically for the asphalt industry.



### FEATURES

- **PumpSaver™**- uses a patented electronic moisture trap to protect the vacuum pump
- **Automatic Sensor**- Automatically senses dry condition of samples
- **Large LCD Display**- A large 4 line by 16 character alphanumeric backlit display is easy to read and allows more room for additional operator instructions
- **Visual Monitoring System**- Sensors monitor the *CoreDry's* critical functions using LED lights to indicate current function and help identify problems during the drying process
- **Audible Alerts**- The *CoreDry's* audible alerts have three different volume settings to indicate when the drying process is complete
- **User-Friendly Software**- The *CoreDry* features software designed to inform users of routine maintenance requirements and make adjustments for better operation

### ADVANTAGES

- Meets **AASHTO R 79, ASTM D7227**
- No daily calibration required
- Fully automatic: Simply load the sample and press start. The *CoreDry* alerts the operator when the drying process is complete
- Fully enclosed: All hardware items, including the pump, are inside the unit, which saves space and allows the *CoreDry* to be easily transported
- Produces quick determination of density results allowing paving crews to make real-time adjustments
- Gives contractors and agencies matching baseline for density comparison
- Provides core offset values for nuclear/non-nuclear gauges in minutes
- Dries up to 6" (150mm) diameter by 7.5" (190mm) tall samples
- No loss of sample integrity—samples remain at close to room temperature

AASHTO R 79, ASTM D7227  
Patents #8225526, 8408013,  
9702626



Upgrade your **CoreDry** to perform emulsion drying. See page 14

**eDry™**

# ARC

## ASPHALT ROLLER COMPACTOR

### SMARTER ROLLER COMPACTOR

The **Asphalt Roller Compactor (ARC)** is an electromechanical system engineered to produce asphalt slab samples that replicate steel-wheel roller compacted asphalt in the field. *ARC* produces better aggregate orientation and representative surface texture in samples than the gyratory compactor. Compaction is performed through a roller foot with multiple size linear rotating compactors and does not require a compressed air source or hydraulics. Slabs are compacted to the selected density, loading pressure or thickness. The samples can then be cored or cut to obtain cylinders or beams for wheel-tracking systems, fatigue cracking, indirect tensile, static and dynamic creep tests, stiffness tests and more.

The *ARC* can be programmed to target a specific load or specimen thickness. If a specific thickness is requested, the system will automatically select the correct load and produce a perfectly uniform asphalt specimen with representative particle orientation and air void content. Three transducers inside the roller compactor control the roller, table movement, and vertical load. The *ARC* is designed to produce various optional slab sizes to fit your specific testing needs.



#### FEATURES

- User-friendly software for easy test setup and immediate test execution
- Heated roller foot
- Color touch screen display for easy control and operation
- Windows® driven software platform for data management, analysis and graphically displayed test results
- Fully integrated data acquisition system
- Sturdy, steel frame with mold table and vertical load displacement system
- Internet connection allows remote diagnostic checks, trouble-shooting and software updates
- Unlimited storage with 2 USB ports, and SD card slot.

# Auto\_SCB™

## ASPHALT FRACTURE TESTING

**Auto\_SCB** is an accurate and cost-effective device for conducting tests to determine cracking resistance of asphalt mixtures. *Auto\_SCB* can run various versions of Semi-Circular Bend (SCB) tests, helping pavement designers and maintenance practitioners predict the cracking potential, performance and ductility of asphalt mixtures. *Auto\_SCB* provides a wide range of capabilities at a fraction of the cost of servo-hydraulic systems traditionally used for cracking and monotonic tests.

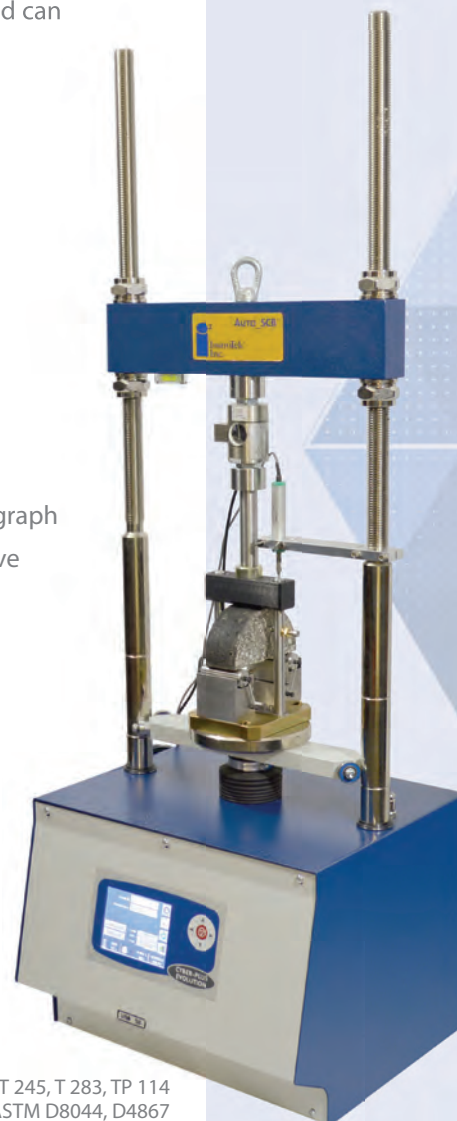
The highly versatile *Auto\_SCB* is capable of running several other performance tests with user-friendly programmable features. The touch screen display, along with the easy-to-use and intuitive controls, allows for rapid setting of new test parameters and monitoring test data in real time. *Auto\_SCB* is able to operate in load-control and displacement-control modes accommodating a wide range of test accessories to run asphalt performance tests such as IDT strength and IDT creep compliance. The data acquisition system can connect to multiple transducers simultaneously. The frame maintains the specimen alignment during the test, and the durable electromechanical loading system needs minimal maintenance. The *Auto\_SCB* operates at 110V AC (220V optional) and can be setup at any asphalt lab.

### ADVANTAGES

- Meets Illinois Flexibility Index (I-FIT) **AASHTO TP 124**, and Louisiana State University SCB Test **ASTM D8044**
- SCB Compatible Test Fixture
- Color touchscreen display 320 x 240 pixels
- 8 analog A/D inputs, for load, displacement, etc.
- Fully automatic test process with real time acquisition and a graph of load/displacement or load or deformation versus time curve
- Removable memory capable of storing 1000s of tests

### ALSO PERFORMS:

- Marshall Test **AASHTO T 245**
- Tensile Strength Ratio (TSR) Test **AASHTO T 283**, **ASTM D4867**
- Indirect Tensile Tests
- Shear Bond Strength Test **AASHTO TP 114**



AASHTO TP 124, T 245, T 283, TP 114  
ASTM D8044, D4867



# SMARTTRACKER™

## HAMBURG WHEEL TRACKER

**SmarTracker** is the most user-friendly wheel tracking system available today. *SmarTracker* meets **AASHTO T 324** and requirements of **NCHRP Project 20-07 Task 361** and measures resistance to rutting and moisture damage in asphalt mixtures. Results from this test help pavement engineers and technicians verify the integrity of asphalt mix designs, evaluate materials and predict field performance.

*SmarTracker* is designed entirely with the end-user in mind. While other wheel tracking systems have technicians lifting heavy wheel assemblies into position, the *SmarTracker's* innovative retracting wheel requires no lifting. The integrated, touch-screen operating system allows quick test execution, and all electronics are intelligently placed away from the testing tanks to avoid moisture damage. *SmarTracker's* unique hood, tank and optional air heaters keep water and air temperatures constant during the test period. The two independent tanks and wheel transport mechanism allow for simultaneous testing of wet and/or dry samples. The *SmarTracker's* innovative features make loaded wheel testing safer, easier and more accurate.



### UPGRADES

- Auto-Lock hood keeps technicians safe during operation and keeps moisture away from electrical components
- NO lifting of heavy wheel assemblies; wheels retract automatically
- Two independent motors assure separate rutting analysis of each specimen
- Sample trays slide into position with minimal lifting
- Capable of conducting wet and dry testing simultaneously on asphalt slabs or 150 mm gyratory specimens
- NO compressed air required



### FEATURES:

- Meets **AASHTO T 324**
- Stainless steel interior and sample holders
- Rugged design and sturdy, steel frame
- Touch screen controls
- Fully automatic; test stops when rut depth is reached
- Outstanding customer service and product support



# HWTPRO™

## HAMBURG VERIFICATION & CALIBRATION DEVICE

The **HWT-Pro** is a comprehensive system designed to verify, calibrate and monitor all the requirements of the **AASHTO T 324** test method and recommendations of **NCHRP Project 20-07 Task 361**. The *HWT-Pro* captures all the data necessary to monitor the *Hamburg's* performance. It measures and reports the wheel load, wheel position, wheel speed, waveform, rut depth sensor data, and water temperature.

The innovative dual-load cell design of the *HWT-Pro Load Sensor* can quickly capture a wide range of data with each pass of the wheel. Height verification is conducted in-place instead of outside the *Hamburg* system. This allows for a more realistic and accurate LVDT verification. The *NIST Traceable Thermometer* measures the water temperature of each tank in two different locations.

The *HWT-Pro Spec Software* brings it all together with an easy to use data input screen and step-by-step instructions to gather all verification data. A simple process utilizing the *Displacement Calibrator* is used to calibrate the *Hamburg's* LVDTs.

*The HWT-Pro works with all major brands of Hamburg systems.*

### HWT-PRO VERIFICATION DATA INCLUDES:

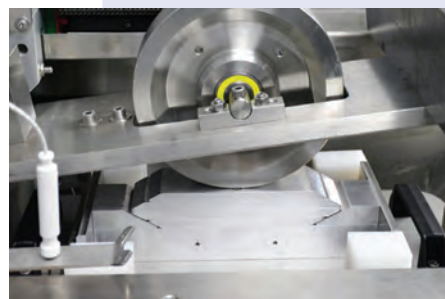
- Static Load
- Average Load
- Passes/Minute
- Speed at Center
- Distance from Center
- Distance of Travel
- Deviation from Sine Wave
- Height Verification
- Temperature Verification

### ADVANTAGES

- Verifies all **AASHTO T 324** measurement requirements
- Meets recommendations of **NCHRP Project 20-07 Task 361**
- Diagnose equipment problems
- Verify calibration parameters
- Check the equipment performance before a project or after a long period of nonuse
- Provides calibration capability for the Hamburg System



Patent Pending





ASTM D6938, D2950,  
D7013, D7759, C1040  
AASHTO T 310

# PLOERER™

model 3500



## SIMPLY ROCK SOLID

The InstroTek **Xplorer 3500** moisture/density gauge strikes the perfect balance between performance, features and cost. It has the right features you want in a gauge with none of the extra bells and whistles that drive costs up and reliability down.

Surface mount electronics, a redesigned *Intelli-Charge™* system to prolong battery life, and intuitive gauge software makes the *Xplorer 3500* the easiest, most cost-effective and reliable gauge on the market for measurement of soil, asphalt and concrete moisture and density.

### FEATURES

- Meets **ASTM D6938, D2950, D7013, D7759, C1040 & AASHTO T 310**
- Non-Contact Auto-Depth Indicator reduces mistakes during testing
- Superior Backscatter Composition and Surface Error for better results on asphalt pavements
- Back light display for night use
- Intelligent battery life operation and monitoring for extended operations
- Reliable surface mount components that will reduce your repair cost and gauge down time
- Integrated temperature monitor to ensure operators are obtaining the most accurate results
- Software features such as Self Test, Special Calibration, Asphalt Thinlayer Mode and Diagnostics Tests
- Internal temperature sensors ensure the gauge operates within the required temperature range



## PORTABLE VERIFICATION AND CALIBRATION

The InstroTek **ValiDator** System is a portable verification and calibration block for nuclear moisture/density gauges. *The ValiDator* can verify and calibrate *InstroTek*, *CPN*, *Humboldt*, and *Troxler* nuclear gauges. Its calibration is NIST traceable and accredited to ISO 17025. For over 20 years *ValiDator* has helped companies ensure proper calibration of their gauges.



ASTM 7759  
U.S. Patent: 5,923,726  
and 6,050,725



# MC ELITE™ SERIES

A LEGACY RE-ENGINEERED

The **MC1** and **MC3 Elite Series** moisture/density gauges offer a streamlined user interface, all new electrical components, a lightweight design and a number of brand new features. All aspects of the **MC1** and **MC3 Elite** gauges have been carefully reviewed and engineered for optimum performance. The end result is a lighter weight, more energy efficient, easier to use nuclear gauge. Our forward thinking has made the **CPN** brand the most widely used nuclear gauge worldwide.

## FEATURES

- Meets **ASTM D6938, D2950, D7013, D7759, C1040 & AASHTO T 310**
- Non-Contact Auto-Depth Indicator
- USB Flash Drive
- Auto-Scroll
- Large Character LCD Display
- Extended Battery Life (4-6 wks)
- 9V Battery Back Up
- Backlit LCD
- Backlit Keypad
- Memory/Storage of Test Results
- Project Storage
- Alphanumeric Keypad
- Software Updates via USB Drive
- Surface Mount Electronics
- Sealed Electronic Boards
- Precision Machined Aluminum Base
- Transportation Case with Wheels
- Temperature Sensors
- 2 Year Warranty

*Elite — the cutting edge of simplicity!*



ASTM D6938, D2950, D7013, D7759, C1040 AASHTO T 310



## SMART-MC™

### UPGRADE YOUR OLDER CPN GAUGES

The **Smart-MC** is a simple, drop-in upgrade which gives new life to your older **MC-1DRP** and **MC-3** gauges. **Smart-MC** offers a variety of operator friendly features such as a new backlit display and keyboard, test storage capability and USB download. Your test can be easily stored, printed or saved to a USB thumb drive. The improved software is easy to navigate with an intelligent keypad layout, backlight and simple on-screen instructions.





# 503 Elite Hydroprobe™

DIRECT READING DEPTH MOISTURE PROBE

The **CPN 503 Elite Hydroprobe** is a subsurface, soil moisture measurement probe for determining the moisture content of soils at various depths. It is the ultimate aid in irrigation scheduling, agronomic research and environmental monitoring.

The 503 has been redesigned to offer a menu driven operation supported by a large, easy-to-read, 4 x 20 character LCD display. This layout offers intuitive navigation to additional software features. It also allows the operator to easily set-up and label new projects using the alpha-numeric display as well as saving additional notes for each project. Data can be downloaded to a USB drive or PC using a standard USB cable.

The 503 Elite's new, nickel metal hydride battery pack provides over a hundred hours of field operation between charges, and recharges in less than 4 hours. By replacing the heavier alkaline batteries, the new 503 is lighter and easier to carry.



◀ Upgrade for your 503 Elite Hydroprobe!  
See page 14 for more details.



## MCM-2 HYDROtector™

DETECT ENTRAPPED MOISTURE

The **CPN MCM-2** is a non-destructive testing (NDT) system for rapid detection of entrapped moisture under insulation. Ideal for petrochemical applications, the MCM-2 can quickly detect moisture content under thermal insulation of pipes and vessels. Technicians can quickly evaluate potential corrosion problems under insulation or fire proofing (CUI/CUF) and identify areas for corrosion inspection. The MCM-2 is light-weight, easy to operate and saves data in the unit for transfer to a PC for analysis.

### FEATURES:

- Fast and easy to use; allows thousands of feet of insulated pipe to be tested in a day
- Designed for maximum accessibility in hard-to-reach areas
- Telescopic pole allows for testing from a distance of 10+ ft
- All tests can be stored and identified by pipe or vessel and location
- "Quick Test Mode" for automatic readings and comparisons with a dry standard. User entered tolerance levels for very fast moisture detection
- Storage capacity for moisture readings and other key data







# AutoRice™

## ULTIMATE CONTROL UNIT FOR YOUR RICE TEST

The **AutoRice Controller** is a digital vacuum manometer that automatically controls, monitors and tunes the entire Rice Test operation. It is programmed to monitor all requirements of **ASTM D2041** and **AASHTO T 209**.



The *AutoRice* will automatically start the vacuum pump, vibrating table and timer, set vacuum pressure, as well as monitor the pressure throughout the test, using an optional shaker sensor. The optional *PumpSaver* completes the Rice Test set-up and is also controlled by the *AutoRice*.

The *AutoRice* takes just minutes to set up and works with all types of vibrating or oscillating tables, glass flasks or metal pycnometers and can be programmed to meet state or local specifications.

### FEATURES

- Can be used for **AASHTO T 209** & **ASTM D2041** tests
- Stores all data for review and record keeping
- Replaces your digital vacuum manometers and gauges
- Automatically controls all Rice test equipment
- Easy setup and user friendly operation
- Decreases disputes between contractor and agency Rice test results
- Monitors shaker frequency to ensure proper sample agitation (optional)
- Increases technician efficiency



# PUMPSAVER™

## ECO-FRIENDLY VACUUM PUMP MOISTURE TRAP

The patented **PumpSaver** technology replaces the inefficient desiccants, protects the vacuum pump from moisture damage and reduces the frequent need for oil changes. Originally introduced as part of the *CoreDry System*, *PumpSaver's* benefits have enabled it to become a valuable, stand alone product.



### ADVANTAGES

- Excellent for use with **ASTM D2041** & **AASHTO T 209** (Rice Test) equipment
- Lower cost by reducing number of vacuum oil changes per year
- Makes vacuum pump operate much more efficiently
- Eliminates the need for flow restricting desiccant cartridges
- Increases the life of the pump
- Allows your pump to reach desired vacuum immediately, increasing the accuracy and repeatability of the results

# The Retriever™

UPGRADE TO USB TECHNOLOGY



The **Retriever** is designed to efficiently collect and securely store data from the *NCAT Ignition Furnace* on a USB flash drive. The included flash drive can store over one thousand test files. All data is encrypted and stored on the USB drive during each burn and cataloged by date and time. Encrypted data can easily be opened with the *EZRetrieve™* PC software, which is provided with each unit. *The Retriever* can collect data independently or in conjunction with the NCAT printer. Installation is simple and can be completed in less than 10 minutes.



## Smart® 503 Elite

UPGRADE FOR HYDROPROBE

The **Smart 503**, developed specifically for the *CPN 503 Hydroprobe*, dramatically improves the functionality and performance of your existing *503 Hydroprobe* gauge. The drop-in upgrade features the latest electronics and software features, including long-lasting, nickel metal hydride batteries, a new 4 x 20 character display and nearly unlimited data storage capability.



ASTM D5220

## eDry™

UPGRADE YOUR COREDRY® FOR FAST EMULSION DRYING

The **eDry™ Kit**, designed specifically to work in conjunction with the *CoreDry® System*, can dry up to 5 grams of asphalt emulsions in 30 minutes or less without harmful chemicals or long, low-temperature drying times. This innovation not only significantly reduces drying time, but most importantly retains all the rheological properties of the binder.



The *eDry* method works quickly on any type of emulsion including tack coats, fog coats, slurry seals, and chip seals. Public agencies, engineers, scientists and contractors will all benefit from this time-saving upgrade.

**The eDry system: fast, simple and effective.**







## FOR ALL YOUR ASPHALT LABORATORY NEEDS

In February 2015, InstroTek welcomed **HMA Lab Supply** into the *InstroTek* family. Founded in 2001, *HMA Lab Supply* specializes in equipment and laboratory supplies for the asphalt and aggregate testing industries. With our combined vision, this exciting opportunity allows both companies to excel in providing innovative product solutions and unmatched customer service. Since 2001, *HMA's* focus has been to help make labs more efficient, productive and profitable. Together we look forward to continuing our shared commitment to the industry by providing innovative products, efficient and cost-effective laboratory calibrations and superior customer service.

### WHAT WE OFFER:

- Scales
- Pumps
- All Laboratory Consumables
- Sieves
- Thermometers
- NCAT Ignition Furnace
- Ovens
- Density Tables
- Coring Equipment
- Balances
- Shakers
- Hot Plates

**The products you need, from the company you trust.** *HMA Lab Supply* continues to bring our superior level of customer service and satisfaction to the materials testing industry.

**Buy Parts Online!**  
[www.HMALabSupply.com](http://www.HMALabSupply.com)





# <sup>2</sup> LABORATORY CALIBRATIONS

## ISO 17025 ACCREDITED



**InstroTek, Inc.**, a leader in the calibration industry, now offers a wide range of on-site calibration services for materials testing labs. We have expanded our services to include force, mass, temperature, pressure verification and calibration. Our highly skilled Technical Service Professionals located throughout the U.S. use only state-of-the-art calibration equipment and adhere strictly to nationally recognized standards. *InstroTek's* procedures, documentation, and quality system ensure that each and every calibration offers the highest degree of reliability and accuracy.

Our 20+ years of calibration experience and direct involvement in ASTM and AASHTO committees provides *InstroTek* a competitive advantage. *InstroTek's* service technicians are on top of the industry's latest standards to guarantee an up-to-date calibration every time. Our expert knowledge of asphalt, concrete, and soils equipment helps us deliver a calibration solution that reduces costs, decreases the need for multiple calibration vendors, and helps manage your calibration program more effectively.



### CALIBRATION SERVICES

- Rulers
- Calipers
- Timers
- Load Cells
- Balances / Scales
- Thermometers
- Graduated Cylinders
- Sieve Screens
- Gyrotory Molds
- Proving Rings
- Concrete Air Meters
- Stability Flow Machines
- NCAT Furnace
- CoreLok & CoreDry
- Laboratory Ovens
- Gyrotory Compactors
- Compression Testing Machines
- Hamburg Wheel Tracker
- IPC Global Equipment

### THE INSTROTEK DIFFERENCE

- All calibrations are NIST traceable and performed to the highest standards
- On-site calibrations to minimize downtime
- 24-hour response time to calls and email requests
- Expert knowledge of materials testing laboratories
- Calibration certificates provided in hard copy and digital formats with traceability, uncertainty and As Found/As Left documentation
- Team of service experts, sales representatives and customer care professionals dedicated to your complete satisfaction

## ISO 17025 ACCREDITED

### NUCLEAR GAUGE SERVICES

Our technicians are factory trained in all disciplines of nuclear gauges and our calibration blocks are NIST traceable. We provide 3 and 5 block calibrations and we are ISO 17025 Accredited. Each calibration includes: scraper ring, top cap bumper and sliding block spring replacement, signal adjustment, full mechanical inspection, leak test and cleaning/lubrication of the gauge. **No Hassle Shipping** makes it even easier for you – we will prepare all shipping documents and arrange pick-up for your gauges. We repair all gauge models; *CPN, Humboldt, InstroTek and Troxler.*



### NUCLEAR GAUGE DISPOSAL

We offer the most economical solution when disposing of nuclear gauges. If you are looking to downsize your gauge inventory we can dispose of your gauge. If you choose to purchase a new gauge we will discount your purchase. *Some models may not apply, call for details.*



### GAUGE OPERATOR RADIATION SAFETY TRAINING

[www.NukeTrain.com](http://www.NukeTrain.com)

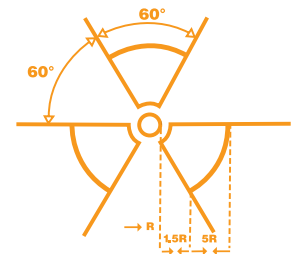
Our classes meet state and national nuclear gauge safety training requirements as well as US DOT Title 49 CFR training requirements. We offer three convenient ways to take the class: at one of our service centers, online via Webinar, or at your facility. Visit [www.nuketrain.com](http://www.nuketrain.com) to learn more about all our training services.

### LEAK TESTING

We provide leak test kits and analysis services for nuclear gauges. With our low cost and prompt turn-around service, InstroTek ensures accurate and convenient measurement of your samples. The leak test kit contains all of the materials necessary for users to perform leak tests on devices containing sealed sources.

### RADIATION SURVEY METER CALIBRATION

InstroTek understands the importance of keeping your survey meter calibrated and working properly. We calibrate most brands of survey meters with a multi-point calibration technique. There are no short-cuts taken and our calibrations meet all regulatory requirements.



**Buy Gauge Parts Online!**  
[www.InstroTek.com](http://www.InstroTek.com)



**Instron<sup>®</sup>  
Inc.**

innovators in instrumentation technology



## InstroTek's Global Reach

**North America**  
CANADA  
UNITED STATES

**Central America**  
COSTA RICA  
HONDURAS  
MEXICO  
PANAMA

**South America**  
BRAZIL  
CHILE  
COLOMBIA  
ECUADOR  
PERU

**Europe**  
DENMARK  
FRANCE  
GREECE  
HUNGARY  
ITALY  
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