CONTINUOUS ASPHALT DENSITY MEASUREMENT SYSTEM

# PAVESCAN®

Powered by **GSSI** Technology

## The Future of Asphalt Pavement and Joint Compaction Measurements


InstroTek® Inc.

innovators in instrumentation technology

Meets **AASHTO PP 98-19**

ES France - Département Bio-Tests & Industries - 127 rue de Buzenval BP 26 - 92380 Garches
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## WITH PAVESCAN® THE FUTURE OF ZERO CORING IS WITHIN REACH

The **InstroTek® PaveScan™** Powered by **GSSI Technology** is the first non-nuclear rolling density system that provides real-time compaction and density data for the entire pavement. Using multiple radar sensors, the PaveScan can continuously scan the pavement and gather density data. This new technology has the potential to drastically reduce if not eliminate the need for field cores. With PaveScan, the possibility of zero coring is within reach.


*The on-board computer displays density, compaction, a line graph, and a contour map of the measurements.*

**MORE DATA,**
*LESS CORING!*


## THE PERFECT ASPHALT JOINT

Many pavement failures occur and start at the asphalt joints. Therefore, achieving good joint density is key to producing a long-lasting pavement. The PaveScan allows the operator to take density measurements along the entire joint. A single sensor with a green laser guide ensures the sensor is positioned directly over the joint. For the first time, contractors can measure joint compaction consistency throughout the entire project.

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## THE FIRST CONTINUOUS ASPHALT DENSITY MEASUREMENT SYSTEM

Operators can now simply push the cart along the lane and gather density data after the finish roller. The on-board computer displays density, compaction, a line graph, and a contour map of the measurements. This information can be used by contractors and pavement engineers to assess the quality of the pavement. Operators can make adjustments during construction, reducing density disputes between the owner and contractor agencies.

## MORE IS BETTER

Traditional nuclear and non-nuclear gauges only offer single-point measurements. The PaveScan three-sensor system can cover up to 6 feet across the lane in a single pass. The PaveScan takes hundreds of measurements per minute, producing an accurate picture of the entire pavement project. This is more density data then ever thought possible with current density gauges

*Easily overlay PaveScan data onto Google Earth map for a full view of the paving project.*

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# PAVESCAN®

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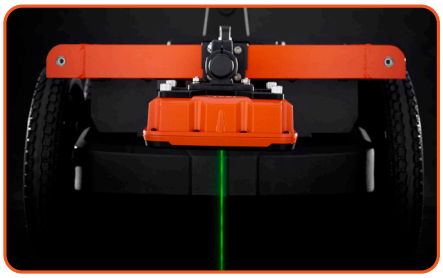
CONTINUOUS ASPHALT DENSITY MEASUREMENT SYSTEM

## BENEFITS & FEATURES

- **Meets AASHTO PP 98-19**
- Non-nuclear radar technology
- Accommodates up to 3 radar sensors for full pavement and joint coverage
- Complete density map of entire pavement project; not single-point measurements
- The most accurate and precise method of measuring asphalt joint density
- Potential reduction in coring
- Capture real-time pavement density and uniformity information
- Optional GPS receiver and built-in pole adaptor
- Graphic display of data with line graph, contour map, or histogram distribution
- Rugged modular assembly; deploys in minutes and folds for ease of transport
- Foldable deployment arms with high visibility for work zone safety
- Easily charge and exchange batteries
- Save on coring operations and increase work crew safety



*Revolutionary NEW Technology!*

i2 InstroTek® Inc.

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