The Future of Asphalt Pavement and Joint Compaction Measurements

The InstroTek **PaveScan® Powered by GSSI Technology** is a non-nuclear system that provides accurate real-time and continuous density measurements, ensuring the quality of pavements and asphalt joints. This system is ideal for helping contractors build uniform asphalt pavements and can potentially reduce the number of cores required on a pavement project.

PaveScan automatically measures density and can display percent compaction using pavement dielectric values. This innovative technology is used to construct high quality pavements and superior asphalt joints. The PaveScan System is lightweight and folds easily for transportation to and from the job site in a work vehicle. Advanced cable management makes setup easy and can be completed in less than 5 minutes. Once the unit is set up, simply push the system over the pavement or along the joint. A laser guide helps the operators ensure the measurements are gathered directly over the asphalt joint.

The on-board computer can display data in real time from 1, 2 or 3 sensors. Asphalt joints can be measured with only one sensor and three sensors are recommended for coverage of the entire pavement width. The operator can now ensure that the entire pavement is constructed at the highest quality possible by continuously monitoring the density on the system display. All data can be stored for post testing analysis and reporting with project and station identification numbers.

The PaveScan is the first continuous asphalt density system that will help contractors efficiently improve asphalt pavement uniformity, reduce variations in density and increase the quality of asphalt pavements.

PAVESCAN®

Powered by GSSI Technology

FEATURES

- **Meets AASHTO PP 98-19**
- Accommodates up to 3 sensors for full pavement and joint coverage
- The most accurate and precise method of measuring asphalt joint density
- Built specifically for the extremes of the asphalt paving environment
- Green laser to aid in location accuracy
- Optional GPS receiver and built-in pole adapter
- Simple User Interface on Panasonic G1 tablet with minimal on-site configuration
- Rugged modular assembly for easy deployment and transport
- Foldable deployment arms with high visibility for work site safety
- Easily charge and exchange batteries

3 sensors offer a wider range of measurements for entire pavement and joint coverage →

Configuration for Joint Density Measurements →

SPECIFICATIONS

TABLET	
Easy View Display	10.1" WUXGA 1920 x 1200 with LED backlight
Processor	Intel® i5-7300U
Available Ports	Ethernet, USB, HDMI
Environmental Rating	IP65
Drop Spec	MIL-STD-810G
MEASUREMENT	
Density Precision	± 0.13%
Minimum/Maximum dielectric	2 to 16
Sensor Frequency	2 GHz
Storage Capacity	256 GB
MECHANICAL	
Dimensions: One sensor cart system	157 x 63 x 111 cm (62 x 25 x 44 in)
Three sensor cart system	157 x 185 x 111 cm (62 x 73 x 44 in)
Weight	81.4 - 94.6 lbs (36.9 - 42.9 Kg)
Environmental Rating	IP65
Storage Temperature	-55°C to 85°C (-67°F to 185°F)

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