AN ESSENTIAL TOOL FOR QA/QC LABS

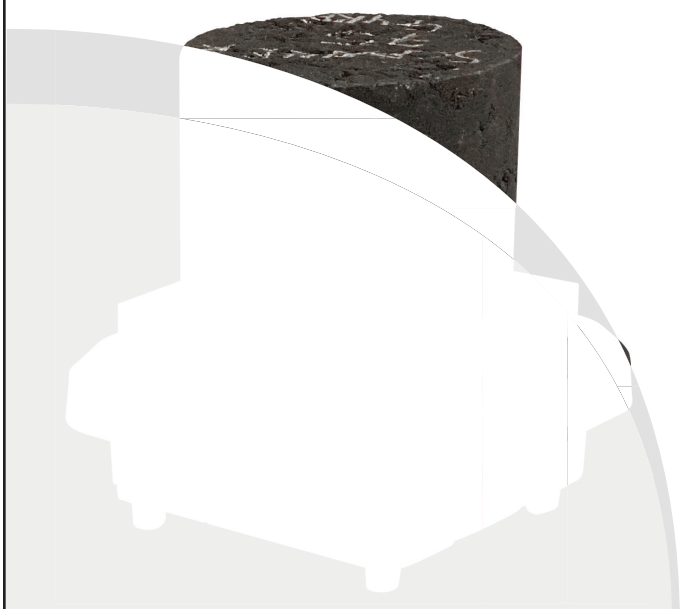
InstroTek® Inc.
innovators in instrumentation technology

PAVESCAN® MDM

Mix Design Module

PaveScan Mix Design Module (MDM), is an innovative system used to create a correlation between the dielectric value of the mix and the asphalt density at different percent air voids. This correlation can then be entered into the PaveScan, Non-nuclear Rolling Density Measurement System (RDM), and used as a powerful QC/QA tool for accurate density measurements of the entire asphalt pavement. Quality process control using PaveScan MDM and RDM means all pavements and longitudinal joints can be compacted to specification in real-time.

The PaveScan MDM is sensitive to subtle aggregate, mix, and moisture changes. Samples tested during production can be compared to approved samples prepared during mix design and any deviations can immediately be identified and adjusted before paving. With one five-minute lab test, users can accurately identify problems and avoid costly remediation.



Improve Quality - Save Time & Money

Improving the durability of roads reduces long-term maintenance costs and road closures. Any compaction problem during production can now be identified and fixed before it's too late, saving time and money. Avoid costly penalties and improve pavement quality using the PaveScan technology.

Improve Safety

The PaveScan MDM and RDM give paving contractors a comprehensive and accurate view of pavement quality without the expense, risk, and errors of single-point measurements from coring or asphalt density gauges. More importantly, less coring on the paving project exposes fewer workers to the dangers of work zones and road closures.

For more information on PaveScan MDM call: 919.875.8371 email: sales@instrotek.com visit: InstroTek.com
Research Triangle Park, NC | Bensalem, PA | Grand Rapids, MI | Austin, TX | Denver, CO | Concord, CA

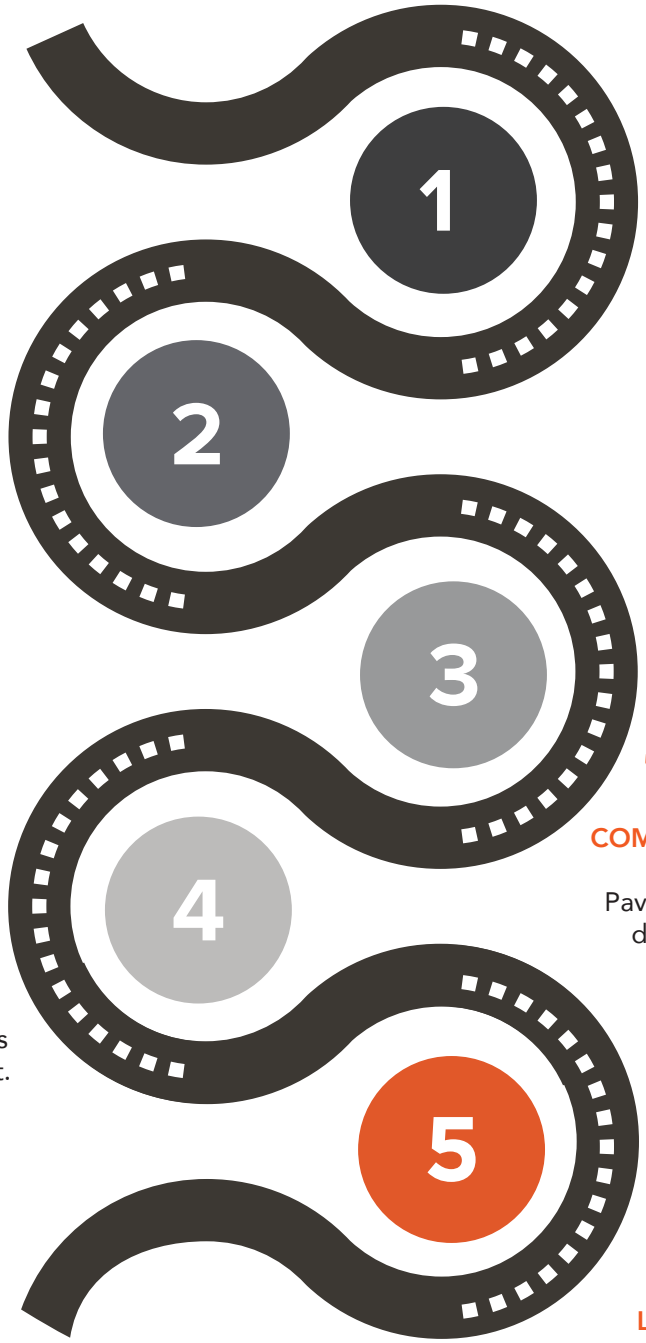
IMPROVING PROCESS CONTROL WITH PAVESCAN® TECHNOLOGY

PRODUCTION MONITORING

Monitor your asphalt production using existing gyratory samples. Use this data to quickly identify production issues.

FIX PROBLEMS IN REAL-TIME

Spot and fix low density areas while the pavement is still hot.



CREATE MIX DESIGN DIGITAL LIBRARY

Use PaveScan MDM to create a digital record of your mixdesigns.

ENSURE PROPER COMPACTION WITHOUT CORING

Input calibration data into PaveScan RDM to accurately map density variability in the field.

BETTER QUALITY, LONGER LASTING ROADS

PaveScan technology helps avoid premature road failures such as raveling, cracking and deterioration along poorly compacted joints.

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