



Driving innovation for an ever changing world

SCRIM® Continuous Friction Measurement

For more than 50 years, WDM has helped transportation authorities decide **how, when, and where to invest in safer roads using SCRIM®** continuous friction measurement.



SCRIM® Features

- Single- or double-wheelpath friction and texture measurement
- GPS-linked friction, texture, roughness (IRI), geometric, and video data
- Dynamic vertical load and water flow control, air and surface temperature measurement
- Continuous data collection between 15 and 55mph
- Water capacity between 850-2,400 gallons for project and network-level coverage
- BS7941-1:2016/ISO 9001:2015 certified

WDM's SCRIM® combines **continuous pavement friction measurement** with GPS-linked texture, IRI, and geometric data to provide critical insight into friction's role in road performance.

Continuous friction measurement technology allows for more precise measurement in areas where friction is most critical, including at horizontal curves, ramps, workzones, and intersections.

WDM has an unrivalled track record of delivering high-

Pavement friction management, an FHWA Proven Safety Countermeasure, can help reduce skid-related fatalities by 40%

quality, accurate, and repeatable SCRIM® data to a global audience.

In the US, WDM manages a fleet of project- and network-level vehicles and provides SCRIM® data to a growing number of organizations investing in pavement friction management.

Pavement friction management gives transportation agencies the ability to:

- better characterize material performance and monitor friction across the entire road network
- evaluate the B/C and effectiveness of various interventions to prioritize the right treatment at the right place at the right time
- proactively integrate safety into lifecycle cost and asset management approaches

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Who We Are

Over the past 50 years, WDM has built an unrivalled track record of providing transportation authorities with specialized road condition equipment and survey, consulting, and software services. Every year, transportation authorities in more than 30 countries rely on WDM equipment and engineering expertise to design and maintain safer roads. WDM delivers more than 200,000 lane miles of specialized road condition surveys annually, including in the US, where it has been the leader in providing SCRIM® continuous friction survey services since 2018.

Beyond delivering high-quality, accurate, and repeatable SCRIM® data, WDM is dedicated to working collaboratively alongside its clients to inform projects, programs, and policies related to pavement friction and texture management. Each agency and project comes with a unique set of objectives, constraints, and roadway characteristics. WDM excels in adapting best practices to local contexts when helping clients implement effective pavement friction management programs.

We are curious, passionate, and committed to engineering safer roads. We are WDM. **We Deliver More.**

Contact Us



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Equipment
Surveys
Software
Consultancy

Vision and Values

Be a driving force for difference on American roads by creating technology that saves lives and delivers client value

- Integrity
- Professionalism
- Quality
- Innovation

