



Driving innovation for an ever changing world

# TM2 Surface Texture Measurement

Highly-portable walking speed texture measurement device designed for accuracy, repeatability, and reproducibility in the lab and in the field.



## TM2 Features

- 100mm transverse profile measurement
- Touch panel controlled, user-selected laser sampling frequency (1mm-5mm) and reporting units (SMTD or MPD)
- Data collection at variable speeds up to 6mph
- Raw and post-processing options using GPS and 3D surface mapping
- 10 hours operating time using rechargeable lithium ion battery
- AG:AM/T014/ISO 13473 certified

WDM's TM2 surface texture measurement device is the result of extensive research and development linking surface texture traditionally measured using the sand patch test with high-speed laser texture measurement commonly used in pavement condition assessment.

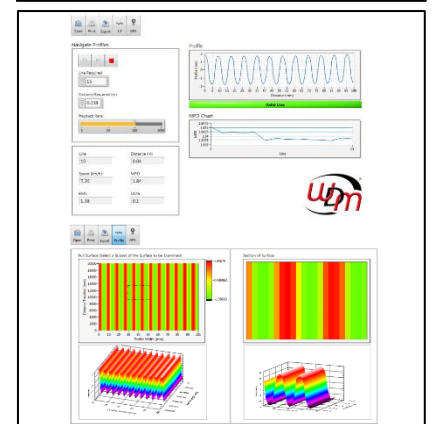
The precise and easy-to-use TM2 is a certified reference device in several countries. At under 50lbs carried weight and operable at variable speeds up to 6mph, it transitions easily from the

## *Combines routine texture measurement with extensive analysis tools in an easy-to-use format*

lab to the field to correlate, validate, or perform detailed site investigations.

A Windows tablet PC with touch panel allows users to select between measurement modes, store data locally, or share externally.

GPS, distance tracking, and 3D mapping helps locate and analyze focal areas.



W.D.M. USA Limited, P.O. Box 8000, Richmond, VA 23223

T: 804.277.9510 E: info@wdm-int.com W: www.wdm-int.com



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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 has manufactured and sold more than 400 units of specialized pavement survey equipment worldwide. WDM's SCRIM® is the most-used network-level continuous friction measurement device in the world.

WDM's TM2 is a certified reference device for calibrating and validating lab and high-speed texture measurement devices. In 2021, it was the reference device for the NCHRP "Protocols for Network-Level Macrotexture Measurement" Report written in partnership with the Virginia Tech Transportation Institute, the Texas Transportation Institute, SME, and the Virginia Transportation Research Council. Multiple US transportation authorities rely on the TM2 for ongoing project and network-level texture measurement.


Beyond delivering high-quality, accurate, and reproduceable TM2 texture 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 effectively manage pavement friction and texture.

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

### We Deliver More.

Equipment	<b>Vision and Values</b> <i>Be a driving force for difference on American roads by creating technology that saves lives and delivers client value</i>
Surveys	
Software	
Consultancy	

	Integrity
	Professionalism
	Quality
	Innovation

