

LASER TEXTURE
SCANNER

AMES 9500

The handheld model 9500 Laser Texture Scanner is capable of measuring macro texture accurately and efficiently. With the simple push of a button the unit automatically begins the scanning process, providing the operator with immediate and accurate texture measurements. Bod



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LASER TEXTURE SCANNER

SPECS:

OVERVIEW

- The 9500 laser texture scanner is the quickest & most accurate method for texture measurements available today. It utilizes a 4" line and travels 4" to collect a square sample. The data is immediately available for viewing and analyzing.

COMMON APPLICATIONS:

- Sand Patch Test Alternate
- Bridge Decks
- Paving Stones
- Aircraft Carrier Decks
- Fault Measurement
- Polished Concrete Surfaces
- Racetracks & Tire Wear

TEXTURE METER SPECIFICATIONS:

- Vertical Resolution: 0.01mm
- Length Resolution: 4" / 2048: 0.00195" (0.0496mm)
- Width Resolution: 4" / 2448: 0.00163" (0.0415mm)
- Scan Area: 4" x 4"

- Scan time for full scan: 90 seconds
- Collects both elevation height data and scan intensity image
- Scanner comes equipped with Windows tablet computer for easy remote data collection & HD viewing of scan data
- External USB port is available for USB memory sticks to easily transfer data to a desktop computer for further data analysis
- Built in GPS receiver
- Built in rechargeable battery pack

CALCULATIONS OVERVIEW

- Mean Profile Depth (MPD)
- Texture Profile Index (TPI)
- Estimated Texture Depth (ETD)
- Power Spectral Density (PSD)
- Root Mean Square (RMS)
- Band Pass Selectable Elevation & Slope Variance

3D ANALYSIS SUITE

- A comprehensive Windows based 3D analysis suite is provided for in depth viewing and analyzing of scan data
- Point - to - Point measurement, surface model, point model and black & white

