

LASER TEXTURE  
SCANNER

# AMES 9400 HD

The handheld model 9400 Laser Texture Scanner is capable of measuring both micro and 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. Studies have shown an excellent correlation to the sand patch test.



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## LASER TEXTURE SCANNER

### SPECS:

#### OVERVIEW

- Calculates Mean Profile (MPD), Texture Profile Index (TPI), Estimated Texture Depth (ETD), RMS, Ra, Rq, Skewness, Kurtosis and VAR. Scanner immediately displays the results on a sunlight readable LCD display.
- Data stored in simple TXR binary files that can be exported to CSV files using Ames windows-based modeling software.

- Triangulation Angle at Center of Measurement Range: 22 Deg.
- Collects both elevation height data and scan intensity image.
- New laser sensor more accurately detects invalid reading so they can be removed from the data leaving almost spike free results.
- Data Storage: 2GB internal Flash, Downloadable to a PC through an Ethernet interface.
- Batteries pack consists of safe and reliable NiMH cells (Sanyo HR-AUX A).
- Product Dimensions (Width, Height, Depth): 152.4 mm x 152.4 mm x 228.4 mm



#### LTS9400 LINE LASER TEXTURE SCANNER SPECS

- Vertical Resolution: 0.003 mm
- Measurement Range 30 mm
- Maximum Length Resolution: 0.00635 mm
- Maximum Width Resolution: 0.0247 mm
- Scan Area: 104.00 mm x 72.00mm
- Dot size at center of range: 25 um
- Dot size at Max and Min range: 60 um
- Max laser sampling speed: 5 KHz
- Windows software application has the ability to crop the original scans into smaller areas of interest.
- Includes sun shroud to block out ambient light when performing scans outside.
- Index units: Metric or Imperial
- GPS receiver: Built in 1 Hz WAAS enabled receiver.
- LCD display with backlight for easy night-time viewing.
- Transport case meets carry-on baggage requirements.

#### TEXTURE SCAN

