

STS - Sample and Track Multi Scanner

Precision surface characteristic measurement indoor and outdoor

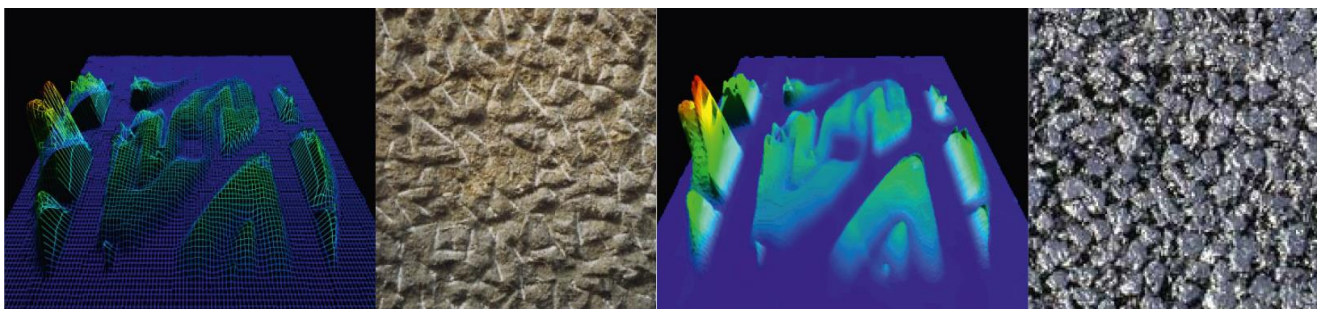
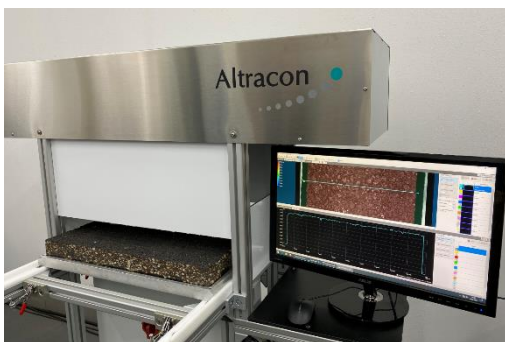
STS is the ultimate surface scanner for indoor and outdoor use. Switchable power supply and modularity allows most flexible use either for scanning surfaces such as tracks with the scan head positioned directly on the road or test track, or in the lab with the scan head applied to the sample intake where track cut-outs can be scanned which are mounted to the standard track carrier which is also used in LFT and HSLFT for friction testing.

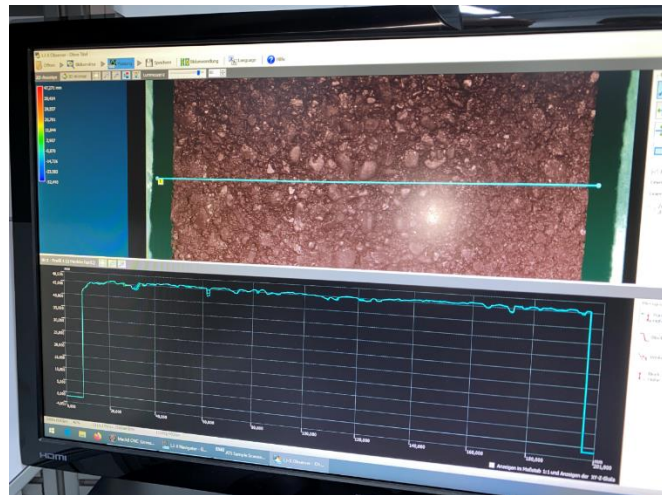
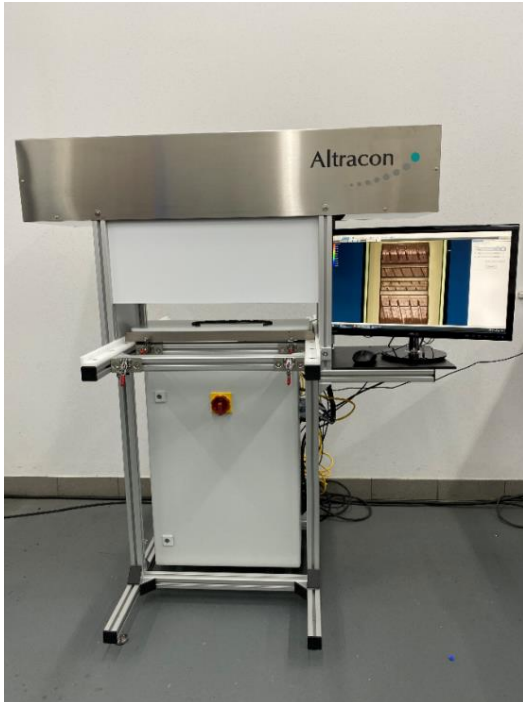
Also rubber samples from HSLFT or LFT fit to the scanner to record their wear condition. This compatibility makes the STS also an ideal supplementation to Altracon’s friction testing equipment to rate the sample and track quality for testing.

A special image scanning function allows to also scan tire section cuts for quality control. This scanner is a real multi-talent.



- **OUTDOOR track scanner**
- **INDOOR multifunctional scanner**
- **Roughness and structure determination**
- **HSLFT rubber-samples wear condition**
- **HSLFT track condition wear condition**
- **Tire section scanning**





- Surface roughness resolution **2µm**
- Step resolution **20µm**
- Scan speed **1,5 m/s**
- Scan frequency **350 kHz**
- Software surface matching **Auto ± 100 µm**
- Surface wear recording **Long term repeatable**
- Laboratory use/ **Standard AC power supply**
- Mobile / outdoor use **LFT/ HSLFT Track cassette intake**
12 V DC power supply
Direct track surface scan
GPS repositioning ± 5 cm
Auto levelling function

Contact us to learn more about **Altracon** ● *the solution provider*