

High Speed Profiler



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Profile Bar



Profiler Interior

The Fugro HighSpeed Profiler has been carefully designed by a team of specialists in pavement engineering who fully understand your requirements and needs. Our Dynatest 5051 Mark II Highspeed Profiler provides advanced, automated, high quality pavement roughness and related measurements.

Fugro's HighSpeed Profiler is certified annually by the Texas Department of Transportation (TxDOT) in accordance with Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges, Item 585 "Ride Quality for Pavement Surfaces."



Fugro operators are certified by TxDOT on our Highspeed Profiler operations and data collection using TxDOT specifications.

Advantages

- ASTM E950 CLASS 1 Profiler - Class 1 represents the most accurate and precise profile data collection capabilities as defined by this rigorous standard.

- Continuous highway-speed measurements of longitudinal profile, transverse profile, and rut depth.
- Measurements taken at highway traffic speeds - lane closures not required.
- Collected data geo-referenced using Fugro's Omnistar® sub-meter accurate, real-time, differentially corrected, Global Positioning System.
- Collects accurate and repeatable data:
 - Longitudinal and Transverse Profile
 - Profilograph Index (PI)
 - International Roughness Index (IRI)
 - ASTM Ride Number (RN)
 - (PI, IRI, and RN indices are computed in real-time during data collection)
- Can be used during construction, immediately on new asphalt overlays, and within days on concrete surfaces.
- Enhances contractor's opportunity to provide superior product performance and reap the rewards of having accurate pavement profile information.

- Austin TX
- Baton Rouge LA
- Beaumont TX
- Columbia MD
- Corpus Christi TX
- Dallas TX
- Fort Worth TX
- Houston TX
- Lake Charles LA
- Los Angeles CA
- New Orleans LA
- Pasadena TX
- Phoenix AZ
- San Antonio TX
- Waco TX