



Surface Smoothness Testing

Atlantic Testing Laboratories (ATL) provides surface smoothness testing with our High-Speed and Lightweight Profilometers.

Infrared laser sensors, precision accelerometers, and a distance-measuring unit delivers real-time test results as a quality control check and to determine if surface smoothness meets project requirements.



The Systems

The profilometer is an important tool in road management systems with road safety, economy, and ride quality the primary focus.

The **High-speed Profilometer** delivers real-time results, while minimizing or eliminating the need for maintenance and protection of traffic.

High-Speed Profilometer

Range: 5- to 70-MPH
ASTM E950 Class 1 Profiler
Measurement : 0.025mm -
0.002mm
Accuracy

The **Lightweight Profilometer (LWP)** is designed for smoothness control on new or overlay pavements. The system is used to profile new road surfaces within hours after paving, so paving contractors can save money by taking corrective action early to meet smoothness specifications.

Why ATL?

- Extensive experience in Pavement Engineering and Design
- Certified Profilometer Technicians
- Full-service field and laboratory bituminous capabilities

ATL is a full-service firm offering a comprehensive line of technical support services. These include special inspection services, subsurface investigations, water-based investigations, geotechnical engineering, construction materials engineering and testing, pavement engineering, nondestructive testing, stormwater pollution prevention planning, and surveying from our 11 offices.



For more information, contact:

Albany
518-383-9144

Elmira
607-737-0700

Rochester
585-427-9020

Watertown
315-786-7887

Binghamton
607-773-1812

Plattsburgh
518-563-5878

Syracuse
315-699-5281

Canton
315-386-4578

Poughkeepsie
845-691-6098

Utica
315-735-3309

Towanda, PA
607-737-0700

Web: www.AtlanticTesting.com
E-Mail: info@AtlanticTesting.com

Think Quality