

Bike Lane Pavement Tester

The smart way to a greener future.



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Safe and better bike lanes!

Our new invention measures pavement on bike lanes and guarantees the highest level of pavement data and software you know from our Dynatest pavement test equipment.

Investing in testing pavement on bike lanes is a wise decision, as it proves to be cost-effective in the long run.

Don't wait for uneven surfaces to become critical; address them before they pose any risk to cyclists. Neglecting minor issues can escalate into major problems, like potholes and uneven surfaces, which can be expensive to fix.

A well-maintained bike lane can provide a comfortable environment for cyclists of all ages and abilities.

Let's take proactive measures to create a safer environment for cyclists.

Introducing the Dynatest Bike Lane Pavement Tester



Our electric bike is equipped with a 36V, 13 Ah Li-ion battery featuring anti-theft protection and CE, GS, and TÜV approval.

The intelligent TURBO charger reduces charging time and halts when the battery reaches full capacity. It boasts 7 external Shimano Tourney gears, Tektro/Bengal hydraulic brakes with an electric engine stop function, and parking brakes on all wheels. With 20" and 26" Kenda tires, double bonded aluminum rims, and a load capacity of 150 kg, our bike ensures durability and safety.

Its dimensions are 218 x 84 x 122 cm, with a weight of 47 kg, and box dimensions of 92 cm x 62 cm. The latest "Anti-Tilt" patented steering system ensures easy turning and automatic handlebar alignment.

Additionally, our bike features a powerful 250W Brushless motor with "Low Energy Consumption & No Noise" technology, capable of reaching speeds up to 25 km/h, and is CE approved.



The cargo bike

100% electrical –
easy to measure
long distances

Battery:

36V, 13 Ah Li-ion
battery – 468WH
– anti-theft with
lock, CE, GS &
TÜV approved.

CE

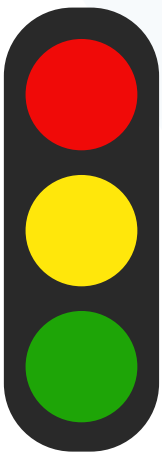
CE marked /
Approved



Key Features

The Dynatest Bike is designed to provide advanced, automated high-quality pavement roughness measurement.

- ROW Camera (optional)
- GPS
- 1 texture laser
- Accelerometer
- Tablet computer
- DMI
- GPS Tracker
- Inverter for tablet charging
- Build in long-life battery to the measuring unit
- Build-in intelligent charger
- 2 x batteries + charger for the bike



Stop & Go

The unique “Stop and Go” function” makes it ideal for measuring bike lanes in urban areas. The “Stop & Go” feature allows IRI and EC at junctions, traffic lights, roundabouts etc.

The Dynatest Bike can calculate International Roughness Index (IRI), Ride Number (RN), Evenness Coefficient (EC0.5 and EC2.5) and optionally macro texture, GPS data and digital photo logging.

Industry standards

Our existing Dynatest Road Surface Profilers Mark IV comply with the following standards and protocols.

- ASTM E950 “Measuring the Longitudinal Profile of Traveled Surfaces”.
- EN 13036-6 “Measurement of transverse and longitudinal profiles in the evenness and mega texture wavelength ranges”.
- AASHTO M328 “Inertial profiler”.
- AASHTO R56 “Certification of Inertial Profiling System”, important also for the Operator certification.
- AASHTO R57 “Standard Practice for Operating Inertial Profiling Systems”.

The Dynatest Bike Lane Pavement Tester has been developed in accordance with the above standards.



Safety package

With the Dynatest Safety Pack, pavement engineers and operators can conduct pavement testing and measurements on bike lanes with confidence, knowing their safety is ensured every step of the way.

For your own safety the Dynatest Bike comes with:

- Bike helmet
- High-visibility vest
- Lock for the bike
- Protect your DynaBike with bike cover
- Safety flags with poles

Training

Dynatest offers comprehensive training and education in both software and hardware. Invest in training sessions and get the skills needed for a safe and optimal pavement bike lane assessment.



Software

Discover the advantages of our bike lane pavement testing equipment software. Our user-friendly software allows for real-time visualisation of data and easy post-processing. Reports can be customizable and data export in various format.

Benefits:

- You get the most accurate, reliable, and long-term calibration stability of any profiler on the market.
- Real-time profile data calculation
- Optional Texture Laser can be used to collect real-time mean profile depth (MPD) macro texture.
- Optional GPS and digital photo logging can be stored with profiler measurement data.
- 5G accelerometers that provide a very high precision of 0.01G.
- Ethernet communication between portable profiler electronics and the data storage tablet PC on the handle of the bike.



Want to learn more about the Dynatest Bike Lane Pavement Tester?

For any inquiries or requests regarding our product, don't hesitate to reach out to our dedicated sales team. Whether you seek clarification, customization, or assistance, our team is here to provide prompt and comprehensive support.

Contact us today to discover how our product can meet your needs and exceed your expectations.

Denmark

Sales

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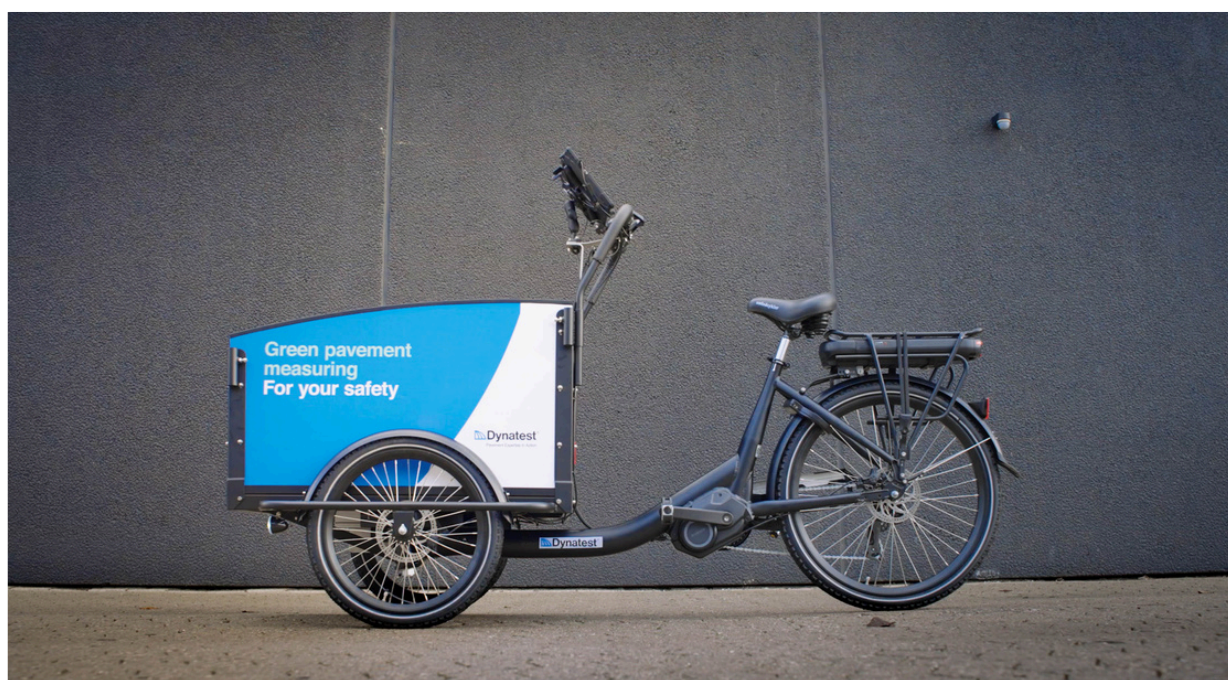
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Maintenance, Service & Calibration

Our team of highly trained service technicians is always ready to assist you when it comes to planning your equipment service and maintenance needs.

Let us reduce your workload so you can focus on performing pavement measurements and collecting precise data.

Do you need assistance?

You are always welcome to contact us if you want to know more about how we can help your company.

If you want a non-committal talk or need more information about Dynatest, we are also happy to help.



Your Dynatest equipment is a sophisticated piece of technology and a significant investment in your business.

Taking good care of your Dynatest equipment is essential to ensure both optimal performance and longevity of the equipment – all of which add to your return on investment.

Neglecting to service and maintain your equipment can lead to costly repairs and uncertain test data and down time.

Eliminate the risks of downtime and defects through regular service, maintenance and calibration of your Dynatest pavement testing equipment.

Service and calibration can be carried out by our team of skilled technicians at our production facilities in Denmark (Ballerup) or Florida (Gainesville) or at your own location.

Our service team will work with you to plan the correct level of service and maintenance for your operational needs and the realities of your budgets and also for your operational timetable.

Regular maintenance, calibration, and service will also contribute to an increased overall lifespan of your equipment.

Contact our service team today

