

Measuring mobility



NMI adds value to your mobility solutions

NMI is the independent specialist for testing, certification and training in the fields of metrology and gaming. Manufacturers and end-users can rely on our knowledge, service and the worldwide acceptance of NMI reports and certificates.

Measuring instruments and systems are required to comply with strict regulations. Testing against these regulations can be quite a challenge. When it comes to certifying your product, NMI is able to perform all necessary tests according to the applicable standards and recommendations. In our state-of-the-art laboratories, we can test your measuring device after which a worldwide accepted certificate can be issued.

Alongside our certification services we offer support in different phases of your product development to avoid costly, time-consuming modifications or retesting at a later stage. With an independent view on your specifications, we are ready to assist you in this process by translating the latest requirements into clear advice. Our experts will provide you with relevant certification specifications, if desired from the very first stage of your designing process.

“Based on its long experience in testing traffic measuring instruments, NMI is an international authority when it comes to understanding and interpretation of requirements and standards.”

INNOVATIVE SOLUTIONS

Our expertise is applicable when issues like smart mobility, enhancing road safety, ANRP, tolling and a healthy environment are involved. Whether you are developing enforcement equipment (speed meters, ITS, section control systems, breath analyzers), measuring instruments for consumer usage (taxi meters, black boxes) or measuring instruments and systems related to safety and environment (MOT, emission): NMI can test your measuring system's scores and claims in an independent way.

It's our specialty to test innovative measuring systems and to develop test plans in order to demonstrate that these systems meet the specified requirements. Even if no requirements have yet been formalized, NMI's experts can provide you with an underpinned test report that demonstrates the accurate performance of any measuring instrument or system.



ENHANCING ROAD SAFETY

NMI tests all police measurement instruments, including section control systems, breath analyzers, motorbike roller test benches and speed meters. The instruments are subjected to a variety of required lab tests, such as exposure to external radiation and extreme temperature variations, in order to determine whether this affects the measurement results. As appropriate to the circumstances, additional tests are conducted on race circuits and various public road test locations.

“An NMI certificate or test report is accepted as a basis for approval without further testing by multiple countries around the world.”

WORLDWIDE KNOWLEDGE AND SUPPORT

NMI's highly specialized knowledge is regularly called on by authorities of European countries and beyond. We offer support with respect to the legal burden of proof and an enforcement policy, for example when setting up a legislative system for enforcement or training and coaching during implementation.

ANPR AND ITS

Does your system include automatic number plate recognition (ANPR)? Accuracy is crucial for tolling systems. Missed reads not only lead to lost revenues but also to less public acceptance of the system itself. The same applies to intelligent transport systems (ITS): certainty about the accuracy of measurements, a correct recognition of vehicles and the resulting data output are significant requirements for the performance of the system. That is why we develop test procedures which are aimed at demonstrating conformity.

DATA PROTECTION

In recent years, software has become an increasingly important component in measuring systems. Data protection and privacy have consequently become significant factors. NMI has already acquired substantial experience in testing of data protection. The required tests are immediately incorporated into the complete test plan, reducing the time and money to be invested.

CONTACT

Would you like to receive more information about our services, or make an appointment? Our mobility experts are more than happy to share their authoritative and highly specialized knowledge about applicable requirements and standards. Don't hesitate to contact us by sending an email to nmi@nmi.nl.

