

Force

CALIBRATIONS

How reliable is your measurement equipment?

Calibration of force-, measurement- and test equipment

Public as well as private customers increasingly demand a guarantee that the test results are traceable to (inter)national standards. Auditing and certification authorities also demand that test equipment is regularly calibrated. Are you meeting these high standards?

Calibration: Quality guarantee

A certified device adds value to your products: your customer has absolute faith in the quality of your product. You also have a solid base for further development of your calibrated devices to conform to ISO 9000 or ISO/IEC 17025.

Quick market entry

As a supplier of test equipment you would like to enter the market as soon as possible. Calibrations can be performed quickly and efficiently because of NMI's large available capacity. NMI has modern support and measurement methods to calibrate your equipment wherever is best for you. Data is processed on the spot and therefore we can work efficiently, accurately and cost effectively. If required, we can calibrate a newly delivered test device immediately after installation.



Prompt support

When something is repaired, you would like it to be calibrated immediately to resume work as soon as possible. We have all the necessary facilities in place to provide this service in a short time. We can do this at our facility in Dordrecht, or we have technical staff who can perform calibrations on-site.

NMI: Known and recognised world wide

NMI has serviced and calibrated different types of force meters for 50 years. NMI is known world wide for their reliable and excellent service.

NMI is RvA-registered (number K027 and K999). With this certification we guarantee the quality and traceability to (inter)national standards. We comply to all criteria as determined by the calibration laboratories in NEN-EN-ISO/IEC 17025:2000.





In your industry

Our customers are suppliers and users of force measurement devices, test meters and analysers in the following industries:

- Metal and engineering construction
- Off-shore and lifting equipment
- Defence and law enforcement
- Road building
- Soil mechanics
- Rubber and plastic processing industries

How do we test?

All necessary tests of your equipment can be done in-house at NMI. We have two (semi) deadweight sets for the calibration of force measurement devices from 10 N to 245 kN. The four hydraulic force testers operates from 1 kN to 5 MN. We have mobile force measurement sets for on-site calibration with a range from 100 N to 9 MN in compression and to 16.5 MN in tension mode.

Advice

Do you need information on our quality systems or measuring methods? We can advise on the following:

- quality systems conforming to ISO 17025
- uncertainty calculations
- application of measurement methods
- custom measurement devices

Calibration of:

- force indicators of pull-, push-, bend- and stress testers.
- hardness testers
- impact testers
- tension testers
- power transmit of concrete pressure banks
- displacement (speed) of cross bars and print tables
- dynamic test preparation
- bonding and wire tension meters

Standards

We calibrate, amongst others, according to the international standard NEN-EN-ISO 376 and NEN-EN-ISO 7500-1.



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More information
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