

Non-Automatic Weighing Instruments



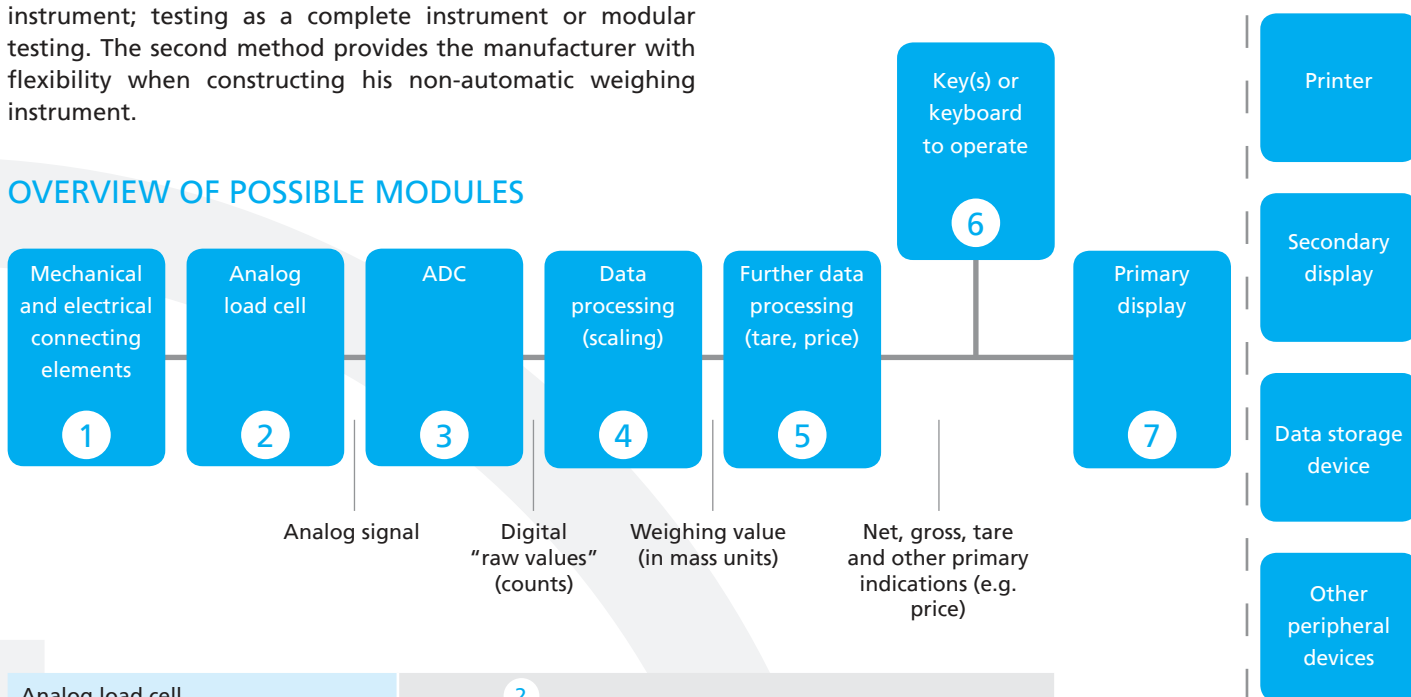
Conformity in various ways

Non-automatic weighing instruments are used for applications in the retail, logistics, medical and manufacturing industries. Most of these applications are covered by Directive 2014/31/EU of the European Union on non-automatic weighing instruments. NMI is the leading notified body in type examination on non-automatic weighing instruments according to this directive. In addition, NMI can certify your non-automatic weighing instruments in accordance to the relevant OIML Recommendations. An OIML R 76 MAA Certificate of Conformity together with an OIML test report will facilitate obtaining an approval in many countries outside the European Union.

MODULAR APPROACH

There are two ways to certify a non-automatic weighing instrument; testing as a complete instrument or modular testing. The second method provides the manufacturer with flexibility when constructing his non-automatic weighing instrument.

OVERVIEW OF POSSIBLE MODULES

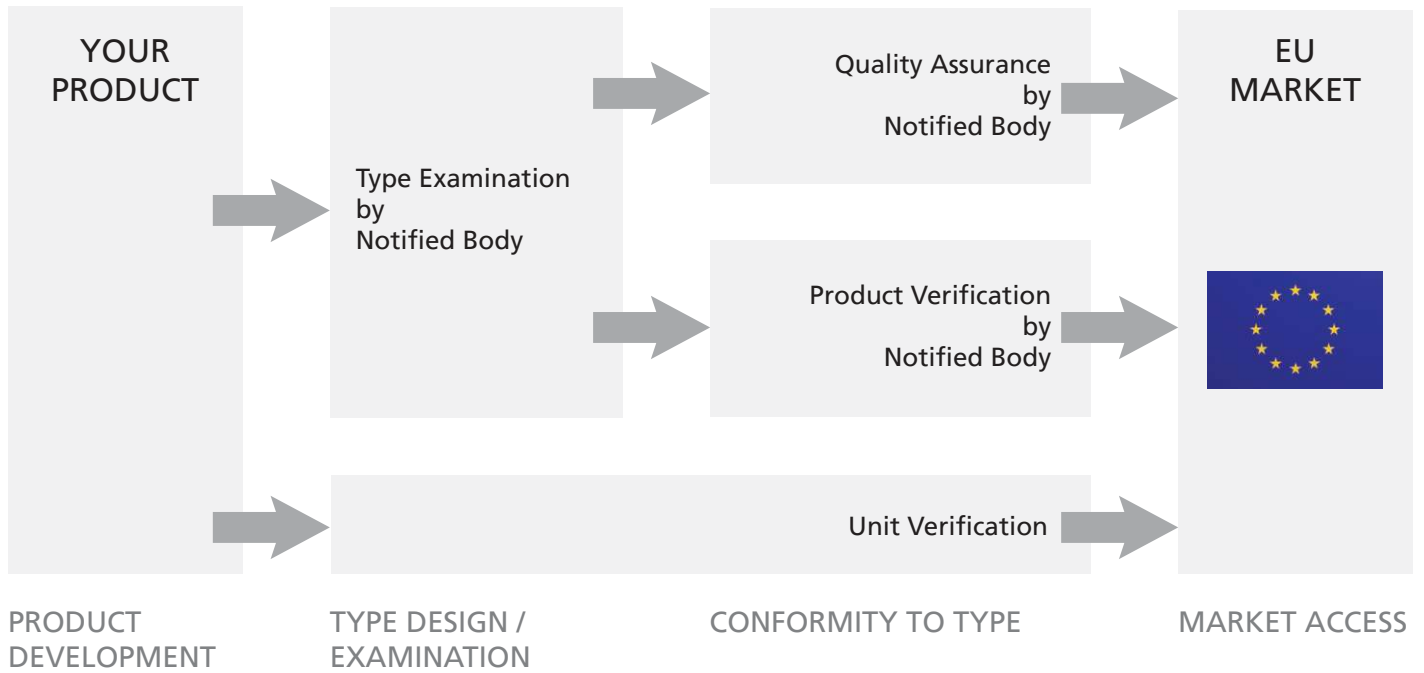


Analog load cell	2
Digital load cell	2 + 3
Indicator	3 + 4 + 5 + 6 + 7
Analog data processing device	3 + 4 + 5 + 6
Digital data processing device	4 + 5 + 6
Terminal	5 + 6 + 7
Primary display	7
Weighing module	1 + 2 + 3 + 4 + 5 + 6



= optional

POSSIBLE ROUTES TO CONFORMITY



FLEXIBLE METHOD TO PROVIDE STRUCTURE

NMi uses a flexible method to provide structure in your approval documents. This method gives you a clear view on the consequences of a product modification. Weighing instruments are divided in parts, characteristics and shapes. We will classify these elements into:

Essential:

If an essential element has to be modified, revision of your certificate is needed because the modification has an impact on the metrological aspects of your product.

Conditional:

The conditions under which this element can be changed are mentioned in your certificate.

Non-Essential:

Modifications in non-essential elements have no consequences for your certificate. You are free to modify these elements. The modifications have no effect on the metrological aspects of the product.

CLARITY IN ADVANCE

NMi always informs you about the project steps in advance. Before starting tests, we will issue a draft certificate based on your documentation. This is to ensure that the exact project definition is captured correctly at the start of the investigation.

WHAT NMi OFFERS YOU

In the specific field of weighing instruments, NMi offers you the following services:

- Type Examination
- Parts/Evaluation Certificates (modular testing)
- OIML R 76 MAA Certificates of Conformity
- OIML R 76 MAA Test Reports
- Certification of Quality Management Systems
- Product Verification
- Unit Verification
- Training
- Consultancy

