

# Non-Automatic Weighing Instruments



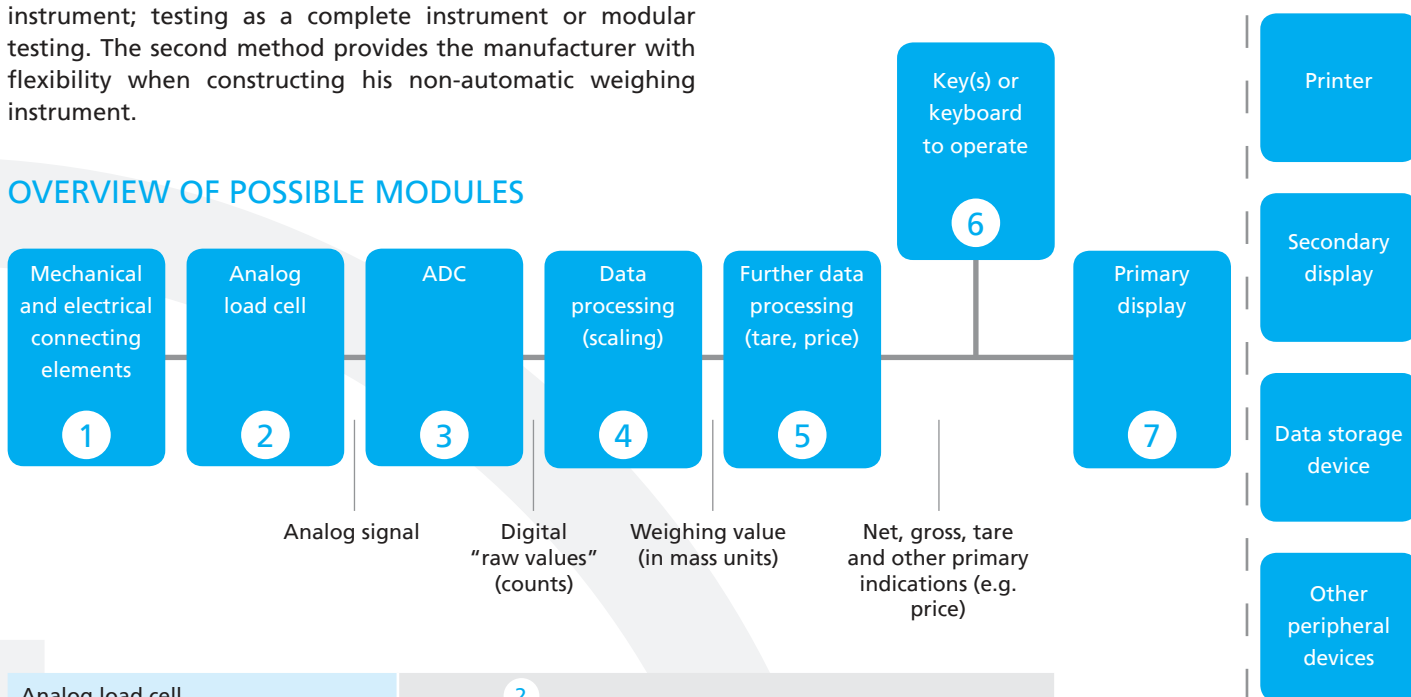
## Conformity in various ways

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

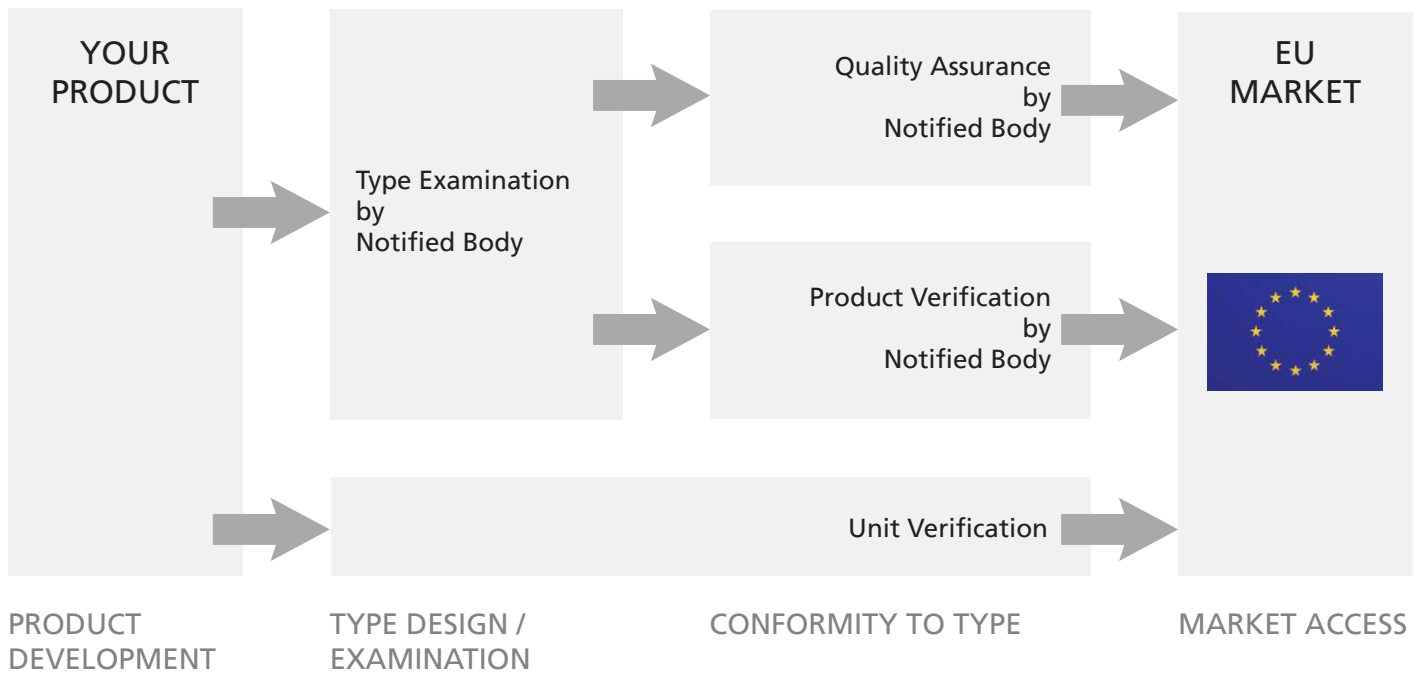


Analog load cell	2
Digital load cell	2 + 3
Indicator	3 + 4 + 5 + 6 + 7
Analog data processing device	3 + 4 + 5 + 6
Digital data processing device	4 + 5 + 6
Terminal	5 + 6 + 7
Primary display	7
Weighing module	1 + 2 + 3 + 4 + 5 + 6



# = 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

