

Automatic Weighing Instruments



Conformity in various ways

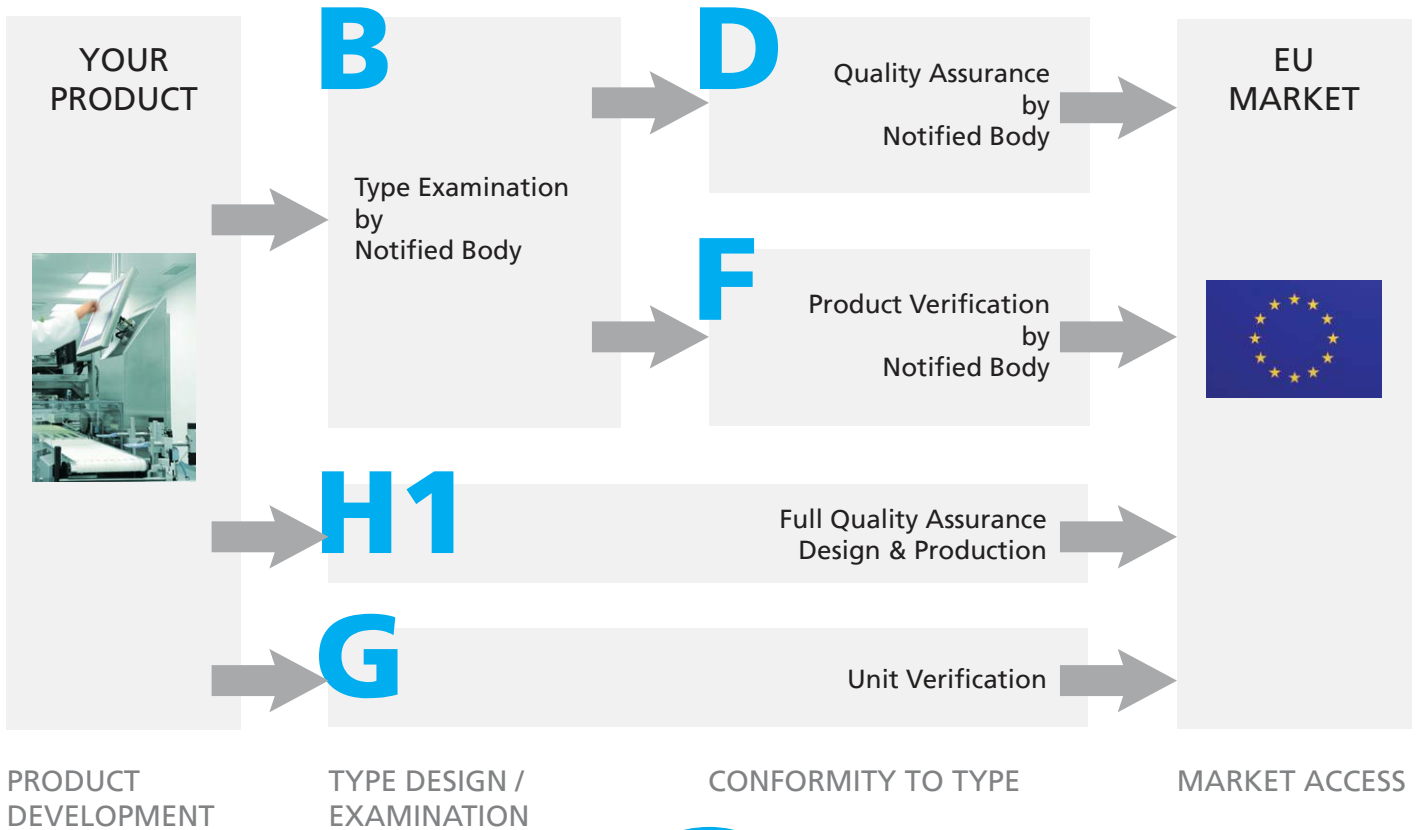
Automatic weighing instruments are used for many applications in the manufacturing, packing and parcel industry. Many of these applications are covered by Directive 2014/32/EU of the European Union on Measuring Instruments (MID), Annex MI-006. NMI is one of the leading notified bodies in type examination on automatic weighing instruments according to MID. In addition, NMI can certify your automatic weighing instruments in accordance with the relevant OIML Recommendations. An OIML Certificate of Conformity together with an OIML test report will facilitate obtaining an approval in many countries outside the European Union.



OVERVIEW OF APPLICABLE OIML RECOMMENDATIONS

MID instrument	OIML instrument	OIML Recommendation
Continuous totaliser	Continuous totalizing automatic weighing instrument (belt weighers)	R 50
Automatic catchweigher <ul style="list-style-type: none"> • Checkweigher • Weight labeller • Weight/price labeller 	Automatic catchweighing instrument <ul style="list-style-type: none"> • Checkweigher • Weigh labeler • Weigh-price labeler 	R 51
Automatic gravimetric filling instrument	Automatic gravimetric filling instrument	R 61
Rail-weighbridge	Automatic rail-weighbridge	R 106
Discontinuous totaliser	Discontinuous totalizing automatic weighing instrument (totalizing hopper weighers)	R 107
	Automatic instrument for weighing road vehicles in motion and measuring axle loads	R 134

POSSIBLE ROUTES TO CONFORMITY WITH MID



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:

- MID Type Examination (Module B)
- Part or Evaluation Certificates
- OIML Certificates of Conformity
- OIML Test Reports
- Certification of Quality Management Systems (Module D)
- Product Verification (Module F)
- Full Quality Assurance (Module H1)
- Unit Verification (Module G)
- Pre testing
- Training
- Consultancy

