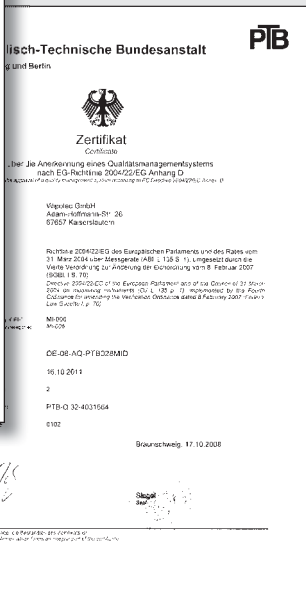


→ Directives/ standards documents

Among others, the following standards form the current basis for evaluating our checkweighers:

MID	Safety	ATEX
OIML R 51	EN ISO 12100 T1 and T2	EN 60079-0
	EN 60204 T1	EN 60079-2
	EMV	EN 60079-5
	EN 61000-6-2	EN 60079-7
	EN 61000-6-4	EN 60079-11
	EN 61000-3-2	EN 60079-14
	EN 61000-3-3	EN 60079-18
	EN 55024	EN 13463-1
	EN 55022	EN 13463-5



→ We have expanded our service for you!



02GB 18802 CLCL 5 Subject to technical modifications

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MID

Measuring Instruments Directive 2004/22/EC



We are ready!
 One single
 directive for
 Europe.



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CHECKWEIGHERS

Measuring

➔ What is the MID?

The MID uniformly and authoritatively regulates the essential requirements on measuring instruments (including checkweighers) for all European Union member countries the EFTA and Turkey as well how they are to be placed on the market.

The MID contents:

- Requirements for placing on the market/ commissioning the measuring instruments
- Accuracy requirements placed on measuring instruments
- Manufacturer's obligations

The European Measuring Instruments Directive 2004/22/EC (MID) came into effect on 30. October 2006.



Instruments

➔ Advantages for our customers:

- Installation, commissioning and conformity evaluation (formerly initial verification) from one source
 - The trade barriers within the European Union are dispensed with; one single EC type approval applies to all countries
 - Increased consumer protection through uniform requirements
- ➔ Your current devices and the related approvals have the right of continuance. Nonetheless, when making new acquisitions you should make sure that the manufacturer has already taken the MID into account.

➔ Marking measuring instruments in accordance with MID

To mark the conformity of its devices with MID, the manufacturer must attach a unique mark to the devices comprising the adjacent elements.

CE-marking

Number of the notified body.
(Example: 102 stands for PTB)

CE M 09 0102

Metrological marking

Year of conformity evaluation

Measuring instrument complies with the requirements of all applicable directives – uniform, throughout Europe.

Directive

➔ Significance for us as manufacturers:

In order to do business with devices in accordance with the MID, a manufacturer needs to comply with certain requirements. Consequently certification, for instance according to ISO 9001:2000 and manufacturing surveillance by a notified body (e.g. PTB) for implementation of the conforming evaluation, are imperative.

- Surveillance of the entire checkweigher production phase by the notified body
- New device markings for their suitability in certain environments (EMC)
- Recognised EC type approval for all EU countries
- Independent implementation of the conformity evaluation (formerly initial verification) of the checkweighers
- Free trade for measuring instruments within the EU