

Nederlands Meetinstituut

EC type-approval certificate

Number **T6034** revision 2
Project number 211942
Page 1 of 4

Issued by NMI Certin B.V.
Hugo de Grootplein 1
3314 EG Dordrecht
The Netherlands

Notified Body Number 0122

In accordance with The Council Directive 90/384/EEC on non-automatic weighing instruments.

Applicant Ranger Instruments
41 Success Street
Acacia Ridge, QLD, 4110
AUSTRALIA

In respect of A class **(III)**, electronic, **non-automatic weighing instrument**.

Manufacturer	Type
Ranger Instruments	2100 series
Procon Engineering	EP20-100 series
Shering Weighing Ltd.	Command 920
FUTURA SRI	2100
Iberfluid Instruments SA	Plantweigh 2100
Wesmar AB	2100

Characteristics $n \leq$ the number of scale intervals mentioned in the test certificates involved
In the description number T6034 revision 2 further characteristics are described.

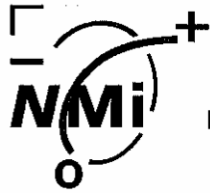
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Valid until 5 April 2012

Description The instrument is described in the description number T6034 revision 2.

Delft, 16 October 2002
NMI Certin B.V.

P.P.M. van Enkevort
Manager Certification Delft



1 General information about the non-automatic weighing instrument

All properties of the non-automatic weighing instrument, whether mentioned or not, may not be in conflict with the legislation.

1.1 Essential parts

Indicator:

Manufacturer	Type	Test certificate number
Ranger Instruments Procon Engineering Shering Weighing Ltd. FUTURA SRI Iberfluid Instruments SA Wesmar AB	2100 series EP20-100 series Command 920 2100 Plantweigh 2100 2100	TC6033

Any load cell(s) may be used for instruments under this EC type-approval certificate, provided the following conditions are met:

- There is a respective OIML Certificate of Conformity (R60) or a test certificate (EN45501) issued for the load cell by a Notified Body responsible for type examination under Directive 90/384/EEC.
- The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules (WELMEC 2, Issue 3, 2000, No 11), and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to EN45501 has been conducted on this load cell.
- The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in the above WELMEC 2 document, at the time of EC verification or declaration of EC conformity of type.
- The load transmission must conform to one of the examples shown in the WELMEC guide for load cells (WELMEC 2.4).

1.2 Essential characteristics

Further essential characteristics are described in the test certificates involved.

1.3 Essential shapes

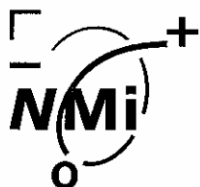
The data plate is secured against removal by sealing or will be destroyed when removed. To secure components that may not be dismantled or adjusted by the user, the non-automatic weighing instrument has to be secured in a suitable manner on the locations indicated in the test certificates involved and the load cell cable or the junction box has to be secured.

The securing component has to bear either:

- a mark of the manufacturer laid down in a notified body approved quality system (Annex II of the directive 90/384/EEC), or
- an official mark of a Member State of the EEC, or an other party to the EEA agreement.

1.4 Conditional parts

The non-automatic weighing instrument may be equipped with peripheral equipment which is used for the applications listed in article 1(2)(a) of the EC Directive (90/384/EEC), if the peripheral



1.4 Conditional parts

The non-automatic weighing instrument may be equipped with peripheral equipment which is used for the applications listed in article 1(2)(a) of the EC Directive (90/384/EEC), if the peripheral equipment is certified to be connected to an EC type-approved non-automatic weighing instrument by a Notified Body appointed to certify non-automatic weighing instruments according to paragraph I of Annex II of the EC directive on Non-Automatic Weighing Instruments.

If the non-automatic weighing instrument is liable to be tilted the instrument must be equipped with a level indicator with a sensitivity of at least 2 mm for a tilt of 2/1000.

1.5 Conditional characteristics

Further conditional characteristics are described in the test certificates involved.

1.6 Non-essential parts

The non-automatic weighing instrument may be connected to non-essential devices, for example but not limited to bar code readers, foot switches, second display's and cash drawers, provided that:

- They do not present primary data used for purposes mentioned in article 1(2)(a) of the EC Directive (90/384/EEC) unless the "preliminary observations" in Annex 1 of this directive is satisfied.
- They do not lead to an instrument having other essential characteristics than those fixed by this type-approval document.

2 Approval conditions

See chapter 1.3, essential shapes.

3 Seals and verification marks

See chapter 1.3, essential shapes.

4 CE-mark of conformity and inscriptions

The marks, facilities for the marks and the inscriptions on the non-automatic weighing instrument fulfill the requirements of article 1 of Annex IV.