

Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R76/1992-GB1-11.01
Revision 2

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

Applicant: **Avery Berkel
Foundry Lane
Smethwick
West Midlands, B66 2LP
United Kingdom**

Manufacturer: **The applicant**

Identification of the certified pattern: **XT Series, Models XT 100, XT 101, XT 200, XT 300, XT 400, XT 410 and XT 420 non-automatic weighing instruments.**

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organisation of Legal Metrology (OIML):

OIML R 76 - Edition 1992(E) for accuracy class: III

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

Issue Date: **11 July 2011**
Reference No: **T1128/0268**

Signatory: 
P R Dixon

Important note: Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

The conformity was established by tests described in the associated:

NMO Test reports:	SN 1145	having 34 pages
	SN 1151	having 10 pages
	SN 1154	having 13 pages
	SN 1170	having 16 pages
	SN 1172	having 7 pages
	SN 1179	having 13 pages
Pattern Evaluation report:	P00578	having 13 pages

This revision replaces earlier versions of this certificate.

Characteristics of the instrument:

Characteristics: The Avery Berkel XT Series non-automatic weighing instruments are mains-powered, Class III, price-computing, stand-alone instruments intended for direct sales to the public. Maximum capacities are between 6 kg and 30 kg.

Main features:

- Vendor's TFT, WVGA colour touch-screen display/keyboard with up to 20 programmable keys (XT 100, XT 101, XT 200).
- Customer's TFT, WVGA colour display. The layout and legends are identical to the vendor's display (XT 100).
- Tower mounted customer TFT, WVGA colour display (XT 200).
- Tower mounted customer TFT, WVGA colour touch-screen display for self-service operation (XT 300).
- Tower mounted operator keyboard and double-sided tower mounted TFT, WVGA colour display (XT 400).
- XT 420: similar to XT 400 with additional printer incorporated into keyboard/display.
- XT410: similar to XT 420 without the base mounted cassette printer.
- Cassette printer using thermal print head.
- Die-cast chassis and plastic housing that contains the load cell and electronics.
- Stainless steel load receptor.
- Level indicator – This may come in the form of a traditional bubble or incorporated as part of the software.

Load cell:

The load cell is an Avery T103D, with E_{max} varying according to the instrument capacity.

Devices:

- Initial zero-setting.
- Semi-automatic zero-setting.
- Automatic zero-setting.
- Zero-tracking.
- Zero indicator.
- Net indicator.
- Semi-automatic subtractive tare balancing/weighing.
- Preset tare.
- Price computing.
- Price-labelling configuration, in which case printing below Min is not allowed.
- Self-service operation (XT 100, XT 101, XT 200, XT 300, XT 400).

Technical data:

- Power supply: 110-240 VAC - 50/60 Hz
- Operating temperature range: 0 °C to + 40 °C
- Maximum tare: - Max

Interfaces:

- Ethernet (wired or R.F. connectivity)
- USB
- DVI

Software:

- Metrology Software Version 2.x.x.x.
- Transducer Software Version ABR30-000218 v1.x.x.x
(where 'x' covers minor software updates).

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R76/1992-GB1-11.01	02 February 2011	Certificate first issued.
R76/1992-GB1-11.01 Revision 1	06 April 2011	Automatic tilt sensor/compensation device fitted to some instruments.
R76/1992-GB1-11.01 Revision 2	11 July 2011	XT 410 and XT 420 added to the certificate.