



MINISTRY OF CONSUMER AFFAIRS
MANATŪ KAIHOKOHOKO

MINISTRY OF CONSUMER AFFAIRS
Wellington, New Zealand

CERTIFICATE OF APPROVAL

**Weights and Measures Regulations 1999
Part 1 Regulations 5 and 6**

Current Date of Issue: 29 February 2008
Original Date of Issue: 29 February 2008

Certificate 1899

Overseas Certificate No: OIML R76/1992-NL1-07-18

This certifies that the Ohaus Valor 3000 series, Weighing Instrument described overleaf has been approved as suitable for trade use subject to any conditions stated in the schedule:

Ohaus Valor 3000 Series



J P Crane

S R Bobbala

Under delegated authority from the Chief Executive of The Ministry of Economic Development

Note: This is not an approval to any person but only with respect to the type and pattern of weight, measure, or weighing or measuring instrument.

SCHEDULE

Pattern:	Weighing Instrument
Make:	Ohaus
Model:	Valor 3000 series
Manufacturer:	Ohaus Corporation, New Jersey, USA.
Submitter:	Ansutek Commercial Ltd, Manukau, Auckland
Maximum Capacity (Max):	a) Max = 300g (for loadcell type 72198183) and b) 3kg≤Max≤6kg (for loadcell type 72193366)
Minimum Capacity:	20e
Verification Scale Interval:	a) e≥0.2g (Max cap=300g, n≤1500 divisions) and b) e≥1g (3kg≥Max Cap≤6kg, n≤3000 divisions)
Class:	III
Load Receptors:	148mm x 158 mm
Tare:	≤ -Max
Conditions of Approval:	<ol style="list-style-type: none">1. Instruments shall carry a notice stating "NOT TO BE USED FOR DIRECT SALES TO PUBLIC" or similar wording.2. Adjacent to level indicator a level notice stating "incorrect if not truly level" or a similar wording must be shown.3. This approval is granted for the following models of Ohaus Valor 3000 Series:<ul style="list-style-type: none">• Model V31XW301 – 300g x 0.2g• Model V31XW3 – 3000g x 1g• Model V31XW6 – 6000g x 2g
Description:	

The Ohaus Valor 3000 Series are Non automatic weighing instruments of Class III with following characteristics:

- For load cells of type 72198183
Max = 300g
 $e \geq 0.2g$
 $n \leq 1500$ divisions

- For load cells of type 72193366
 $3kg \leq Max \leq 6kg$
 $e \geq 1g$
 $n \leq 3000$ divisions

DISPLAY:

The Ohaus Valor 3000 Series has a 7 segment, 6 digit 20mm height LCD with white LED backlight and a display size of 15mm.

The valor 3000 Series has AC adapter that can be used to power the scale when battery power is not available. AC adapter – 9VDC 500mA or 4 C (LR14) batteries.

ZERO SETTING DEVICES

Initial zero setting range:- not more than 20% of the maximum capacity
Semi-automatic zero setting:- not more than 4% of maximum capacity
Zero tracking device:- not more than 4% with corrections ≤ 0.5 d/second
Accuracy $\pm 0.25e$

METROLOGICAL MARKINGS

A plate, which carries the metrological markings, is affixed to the side of the instrument.

Manufacturer's name	.....	Serial number	
Accuracy class	. ....	Pattern approval No	MCA 1899
Max cap	.....	Temperature Range	
Min cap	.....	
Verification scale interval	.....	
Tare capacity	.....	

Components:

- loadcell type 72198183
- loadcell type 72193366

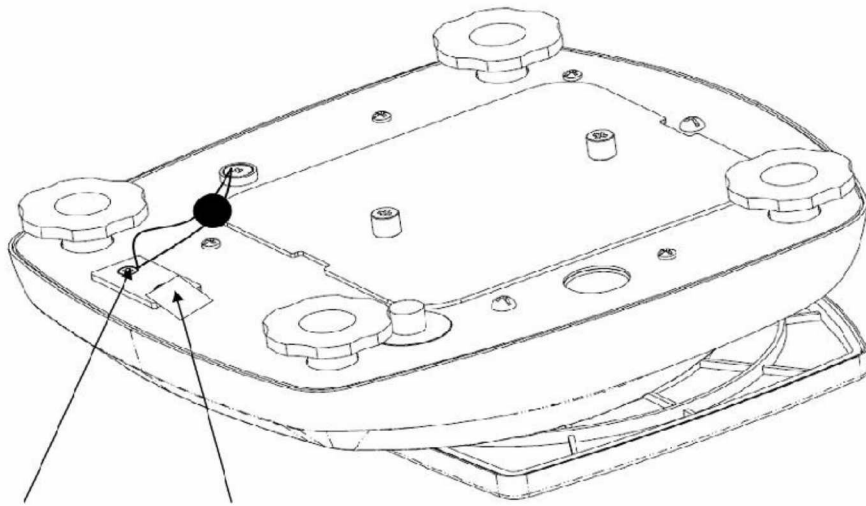
Sealing: Access to calibration is provided at the bottom of the instrument and must be inhibited using a wire terminating in an approved type seal, or an adhesive destructible label placed over the cover as shown in the sealing diagram. The seal should carry the Mark of Verification. Removal of seal deems the instrument not verified.

Mark of Verification: An adhesive destructible label or an approved type seal that inhibits access to calibration should carry a Mark of Verification. Removal of seal deems the instrument not verified.

Levelling: The instrument has four adjustable feet with level indicator. Adjacent to level indicator a level notice stating "incorrect if not truly level" or a similar wording must be shown.

Temperature: 0°C to 40°C

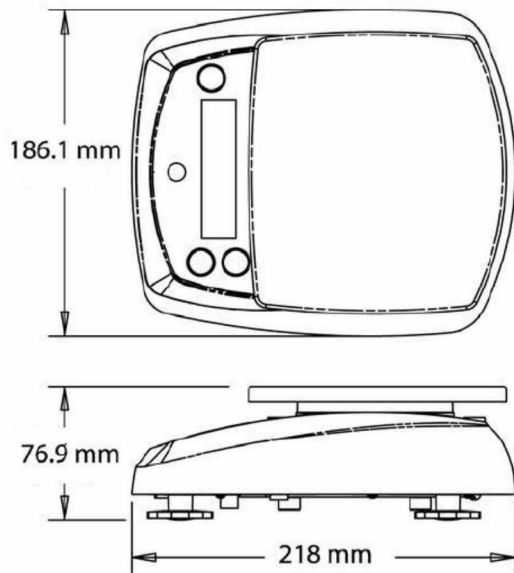
Sealing



Sealing with lead
lead seal OR

Adhesive destructible
label

Dimensions



Models V31XW301, V31XW3, V31XW6