



Australian Government

Department of Industry,
Science and Resources

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

Certificate of Approval
NMI 6/4D/400

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

Bizerba Model Q1 100 Weighing Instrument

submitted by Bizerba Australia Pty Ltd
 1/575 Darling Street
 Rozelle NSW 2039

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI R 76, *Non-automatic weighing instruments, Parts 1 and 2*, dated October 2015.

This approval is subject to review at the decision of the Chief Metrologist in accordance with the conditions specified in the document NMI P 106.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern & variants 1 to 3 approved – certificate issued	22/10/25

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI 6/4D/400' and only by persons authorised by the submitter.

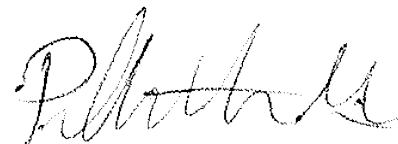
It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate of Approval No S1/0B.

Special

Certain aspects of this instrument (in particular transaction record printing formats) are able to be configured by the user. Whilst NMI believes that acceptable formats can be achieved for typical basic sales modes, it is also possible for the instrument to be configured to produce unacceptable formats, and use of some formats may be inappropriate for different sales modes. It is the responsibility of the user to ensure that acceptable and appropriate formats are used in any particular situation.

Signed by a person authorised by the Chief Metrologist
to exercise their powers under Regulation 60 of the
National Measurement Regulations 1999.



Phillip Mitchell
A/g Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No 6/4D/400

1. Description of Pattern

approved on 22/10/25

A Bizerba model Q1 100 class  multi-interval self-indicating price-computing non-automatic weighing instrument (Figure 1) with a verification scale interval e_1 of 0.002 kg up to 6 kg and with a verification scale interval e_2 of 0.005 kg from 6 kg to the maximum capacity of 15 kg, and with a minimum capacity of 0.04 kg.

Instruments are fitted with a touchscreen operator display/keyboard and a colour customer display both attached to the main instrument housing. The operator touchscreen consists of displays for presentation of tare, weight, unit price and price information, 'net' indicators and functions relating to product look up (PLU) items.

Instruments are fitted with an integral printer, for printing of labels or tickets (#).

Instruments display unit price to \$9999.99/kg, total price to \$99999.99, and have a product look up (PLU) facility.

Instruments may be fitted with output sockets (output interfacing capability) and wireless interfaces for the connection of auxiliary and/or peripheral devices.

The instrument operates from mains AC power (120 - 240 V AC, 50/60 Hz).

(#) Refer to the Special Conditions of Approval in the certificate.

1.1 Zero

A zero-tracking device may be fitted.

The initial zero-setting device has a nominal range of not more than 20% of the maximum capacity of the instrument.

The instrument has a semi-automatic zero-setting device with a nominal range of not more than 4% of the maximum capacity of the instrument.

1.2 Tare

A semi-automatic subtractive tare device of up to the maximum tare capacity may be fitted.

Pre-set tare values may be associated with product look up (PLU) items. The maximum pre-set tare value is equal to the limit of the first partial weighing range (multi-interval instruments). A separate display of tare values is provided.

1.3 Levelling

Instruments are provided with adjustable feet and a level indicator. The level indicator (bubble) is located on basework underneath the weighing receptor. A diagram indicating the location of the level indicator shall be provided in a location clearly visible to the operator.

The instrument is to be used in a level condition as indicated by the level indicator.

1.4 Verification Provision

Provision is made for the application of a verification mark.

1.5 Interfaces

Instruments may be fitted with interfaces for the connection of auxiliary and/or peripheral devices. Any interfaces shall comply with clause 5.3.6 of document NMI

R 76 (the basic intent of which is that it shall not be possible to alter weighing results via the interfaces).

Any measurement data output from the instrument or its interfaces shall only be used for trade in compliance with General Supplementary Certificate of Approval No S1/0B (in particular in regard to the data and its format).

Instruments may be fitted with Ethernet, USB and cash drawer.

1.6 Networking

A number of instruments may be connected in a network to share common PLU data, and to accumulate and retrieve management information.

In addition, the network may be interfaced with a computer for the collection of management data, or the downloading of PLU data.

Note: The weighing and price computing functions of each weighing instrument in the network are independent, and the removal, repair or replacement of a particular weighing instrument does not necessitate re-verification of any other weighing instrument in the network.

1.7 Descriptive Markings and Notices

Instruments are marked with the following data:

Manufacturer's mark, or name written in full	Bizerba SE & Co. KG
Name or mark of manufacturer's agent	Bizerba Australia
Indication of accuracy class	III
Pattern approval number for the instrument	NMI 6/4D/400
Maximum capacity	Max/..... g or kg #1
Minimum capacity	Min g or kg #1
Verification scale interval	e =/..... g or kg #1
Serial number of the instrument	

#1 These markings are shown in the electronic markings field next to the indications.

1.8 Sealing Provision

Provision is made for access to the calibration switch within the instrument to be sealed by means of a destructible adhesive label placed over the securing screw underneath the load receptor as shown in Figure 5.

1.9 Software

The legally relevant software is identified by ID number and designated version as listed in Table 1, where 'xx.yy' refers to the identification of non-legally relevant software and may be added to software version number, separate by '::'.

The software version and number can be seen by pressing the electronic markings field in the display for at least 3 seconds.

TABLE 1

Type of Software	Name of Software Module	Software Version Number	Software ID
Weighing Instrument Software	RetailPowerScale	013::xx.yy	3356
	Scale OEM Module	013::xx.yy	0369
		013::xx.yy	7640
		015::xx.yy	1171
		015::xx.yy	8282
		050::xx.yy	5275
		050::xx.yy	8164
		051::xx.yy	8010
		051::xx.yy	4115
ADW Software	A/D Board	010::xx.yy	6153
		011::xx.yy	5232

2. Description of Variant 1

approved on 22/10/25

The Bizerba model Q1 800 instruments (Figure 2) which are similar to the pattern but with the operator touchscreen display/keyboard and the colour customer display and the printer mounted on a column.

3. Description of Variant 2

approved on 22/10/25

The Bizerba model Q1 400 hanging scale instruments (Figure 3) which are similar to the pattern but with a suspended load receptor. Sealing provision is as shown in Figure 6.

4. Description of Variant 3

approved on 22/10/25

The Bizerba model Q1 ext instruments (Figure 4) which are similar to the pattern but with the operator display/keyboard incorporated next the body of the instrument, and the customer display mounted on a column.

TEST PROCEDURE No 6/4D/400

Instruments shall be tested in accordance with any relevant tests specified in the National Instrument Test Procedures.

The instrument shall not be adjusted to anything other than as close as practical to zero error, even when these values are within the maximum permissible errors.

Maximum Permissible Errors

The maximum permissible errors are specified in Schedule 1 of the *National Trade Measurement Regulations 2009*.

Tests

For multi-interval instruments with verification scale intervals of $e_1, e_2 \dots$, apply e_1 for zero adjustment, and maximum permissible errors apply $e_1, e_2 \dots$, as applicable for the load.

FIGURE 6/4D/400 – 1



Operator View



Customer View

Bizerba Model Q1 100 Weighing Instrument – Pattern

FIGURE 6/4D/400 – 2



Operator View



Customer View

Bizerba Model Q1 800 Weighing Instrument

FIGURE 6/4D/400 – 3



Operator View



Customer View

Bizerba Model Q1 400 Weighing Instrument

FIGURE 6/4D/400 – 4



Operator View



Customer View

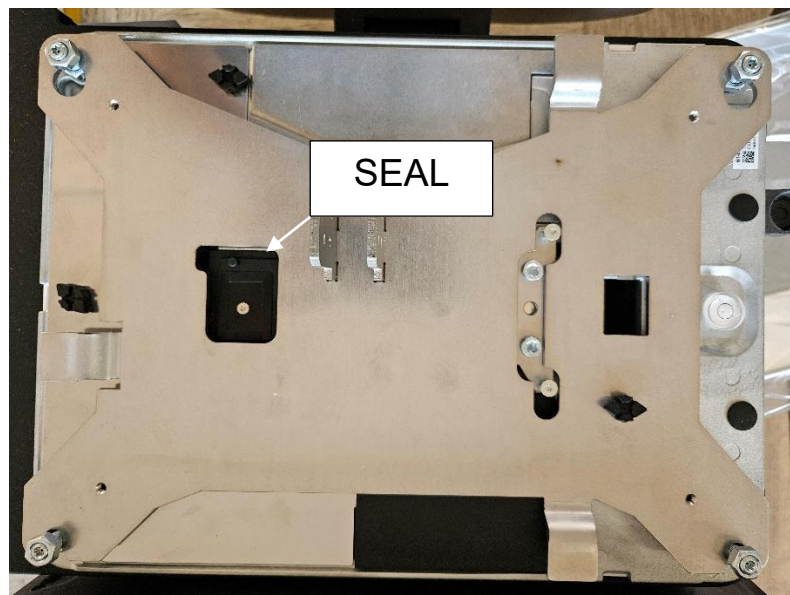
Bizerba Model Q1 ext Weighing Instrument

FIGURE 6/4D/400 – 5



Typical Sealing Method

FIGURE 6/4D/400 – 6



Typical Sealing Method of Model Q1 400 Weighing Instrument (Variant 2)

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