

National Standards Commission



Certificate of Approval

No 6/4D/261

Issued under Regulation 9
of the
National Measurement (Patterns of Instruments) Regulations

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

Bizerba Model PRO 9000 Weighing Instrument

submitted by Bizerba Australia
 189 Grange Road
 Fairfield VIC 3078.

Signed and sealed by a person authorised under
Regulation 9 of the National Measurement
(Patterns of Instruments) Regulations to exercise
the powers and functions of the Commission under
this Regulation.



CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/6/95.

This approval expires in respect of new instruments on 1/6/96.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/261 and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the drawings and specifications lodged with the Commission 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 the Commission's Document 106.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates Nos S1/0 and/or S2/0, as appropriate.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 7/5/90

- A Bizerba model PRO 9000 self-indicating dual-interval price-computing weighing instrument of 15 kg maximum capacity.

Variants: approved 7/5/90

1. With a non-automatic taring device.
2. A number of model PRO 9000 instruments connected in a network.

FILING ADVICE

The documentation for this approval comprises.

Certificate of Approval No 6/4D/261 dated 13/9/90
Technical Schedule No 6/4D/261 dated 13/9/90 (incl. Test Procedure)
Figure 1 dated 13/9/90



National Standards Commission

TECHNICAL SCHEDULE No 6/4D/261

Pattern: Bizerba Model PRO 9000 Weighing Instrument.

Submittor: Bizerba Australia
189 Grange Road
Fairfield VIC 3078.

1. Description of Pattern

A Bizerba model PRO 9000 dual-interval self-indicating price-computing label or ticket printing weighing instrument with a verification scale interval of 0.002 kg up to 6 kg and with a verification scale interval of 0.005 kg from 6 kg up to the maximum capacity of 15 kg. Instruments have unit price to \$999.99/kg, price to \$9999.99, a price-look-up (PLU) facility, and may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

The instrument may have the vendor's display either in the main housing (Figure 1) or on a column with the purchaser's display. The instrument may also be fitted with a cash drawer.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e$ whenever power is applied and whenever the instrument comes to rest within 0.5e of zero.

The instrument has an initial zero-setting device with a nominal range of 11% of the maximum capacity of the instrument.

1.2 Display Check

A display check is initiated whenever power is applied or when the appropriate button is pressed.

1.3 Tare

A semi-automatic subtractive taring device of up to 9.995 kg capacity may be fitted.

1.4 Levelling

The instrument is provided with adjustable feet and adjacent to the level indicator is a notice advising that the instrument must be level when in use.

1.5 Verification Provision

Provision is made for a verification mark to be applied.

1.6 Memory Facility

Instruments may be fitted with a facility for transaction data to be entered into a number of operator memories, with a totalised ticket being produced at the end of a number of transactions.

1.7 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4D/261
Accuracy class	III
Low range	
Maximum capacity	Max kg *
Verification scale interval	e = d = kg *
High range	
Maximum capacity	Max kg *
Verification scale interval	e = d = kg *
Minimum capacity	Min kg *
Maximum subtractive tare	T = - kg

* Repeated adjacent to each reading face.

2. Description of Variants

2.1 Variant 1

With a non-automatic subtractive taring device of up to 6 kg capacity. The tare values may be stored. The instrument may also be fitted with the semi-automatic taring device of the pattern.

In addition to the markings specified for the pattern, instruments shall be marked NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

2.2 Variant 2

A number of PRO 9000 instruments may be connected in a network to utilise common price-look-up (PLU) data, to allow communication of other management information, and to allow data on individual transactions to be communicated between instruments so that it is available to be printed when a total is required.

The network includes a CLS 8000 controller and interface, and may be connected to a computer for the downloading of PLU data and for the communication of other management information.

Note: (for all networks)

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 the reverification/recertification of any other instrument in the network.

TEST PROCEDURE

Instruments should be tested in conjunction with any relevant tests specified in the Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads, expressed in terms of verification scale interval (e), with the instrument adjusted to zero within $\pm 0.25e$ at no load, are:

- $\pm 0.5e$ for loads from 0 to 500e;
- $\pm 1.0e$ for loads over 500e up to 2 000e; and
- $\pm 1.5e$ for loads over 2 000e.

FIGURE 6/4D/261 - 1



Bizerba Model PRO 9000