

National Standards Commission



Certificate of Approval

No 6/4D/271

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

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

Bizerba Model SW 800 Weighing Instrument

submitted by Stratford Arch Pty Ltd
(formerly Electronic Scales International Pty Ltd)
189 Grange Road
Fairfield VIC 3078.

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.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/7/98.
This approval expires in respect of new instruments on 1/7/99.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/271 and only by persons authorised by the submittor.

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

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 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 Certificate No S1/0/A.

DESCRIPTIVE ADVICE

Pattern: approved 18/6/93

- A Bizerba model SW 800 multi-interval self-indicating price-computing weighing and printing instrument of 15 kg maximum capacity.

Variants: approved 18/6/93

1. Certain other models of the SW series.
2. With a number of instruments connected in a network.

Technical Schedule No 6/4D/271 describes the pattern and variants 1 and 2.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/4D/271 dated 15/11/93
Technical Schedule No 6/4D/271 dated 15/11/93 (incl. Table 1 and Test Procedure)
Figures 1 and 2 dated 15/11/93

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





National Standards Commission

TECHNICAL SCHEDULE No 6/4D/271

Pattern: Bizerba Model SW 800 Weighing Instrument.

Submittor: Stratford Arch Pty Ltd
(formerly Electronic Scales International Pty Ltd)
189 Grange Road
Fairfield VIC 3078.

1. Description of Pattern

A Bizerba model SW 800 multi-interval self-indicating price-computing weighing and printing 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 up to the maximum capacity of 15 kg. Instruments have unit price to \$9999.99/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.

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 $\pm 10\%$ of the maximum capacity of the instrument.

1.2 Tare

A semi-automatic taring device of up to 15 kg capacity may be fitted. In addition, the instrument may incorporate a keyboard-operated pre-set tare device of up to 6 kg capacity, by which a tare value may be entered against an item in the price-look-up table (i.e. a price and tare look-up facility).

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Levelling

The instrument is provided with adjustable feet and a level indicator.

1.5 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied.

1.6 Sealing Provision

Provision is made for sealing access to the calibration adjustments by means of sealing screws located under the load receptor.

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/271
Accuracy class	III
Maximum capacity	Max / kg *
Minimum capacity	Min g *
Verification scale interval	e = / g *
Maximum subtractive tare	T = - g

* Repeated adjacent to each reading face.

2. Description of Variants

2.1 Variant 1

Other models of the SW series in various configurations (e.g. without column-mounted indicator, with PLU keyboard integral with the column-mounted indicator) and known as models SW 100, SW 200, SW 200 F, SW 300, SW 500 SB, SW 500 QS 2, SW 800 E and SW 800 G (Figures 2 and 3).

2.2 Variant 2

A number of SW series instruments may be connected in a network to share common PLU data, to transfer transaction data between instruments, and to retrieve management information.

Each individual instrument within the network has the facility for the transaction data to be entered into one of a number of operator memories, with a totalised ticket being produced at the end of a number of transactions. The ticket indicates each item in the transaction and the total price for the transaction.

The linking of these instruments in a network allows such transaction data to be transferred between instruments.

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 reverification of any other weighing 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 $2000e$; and
- $\pm 1.5e$ for loads over $2000e$.

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

FIGURE 6/4D/271 - 1



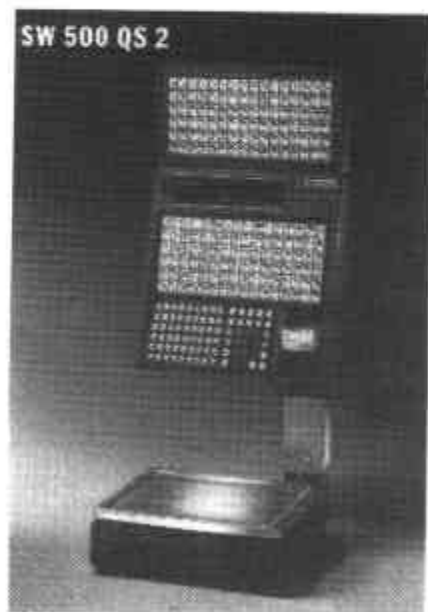
Bizerba Model SW 800 Weighing Instrument

FIGURE 6/4D/271 - 2



Other Approved Models and Configurations of the SW Series

FIGURE 6/4D/271 - 3



Other Approved Models and Configurations of the SW Series.