CERTIFICATE OF APPROVAL No 6/4D/37 CANCELLED

This is to certify that the pattern and variants of the

Bizerba EP5000 Weighing Instrument 0/1

submitted by Globus-Bizerba Pty Ltd,
122-150 Edinburgh Road,
Marrickville, New South Wales, 2204,

have been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade.

Date of Approval: 26 July 1974.

The pattern and variants are described in Technical Schedule No 6/4D/37, and in drawings and specifications lodged with the Commission.

The approval is subject to review on or after 1 August 1979.

All instruments conforming to this approval shall be marked with the approval number "NSC No 6/4D/37".

Signed

Executive Officer

Issued

26/7/74

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4D/37

Pattern: Bizerba EP 5000 Weighing Instrument

Submittor: Globus-Bizerba Pty Ltd,
122-150 Edinburgh Road,
Marrickville, New South Wales, 2204.

Date of Approval: 26 July 1974

All instruments conforming to this approval shall be marked "NSC No 6/4D/37".

Description:

The pattern (see Figure 1) is a self-indicating counter scale of capacity 5 kg by 5-g graduations, with a price computer with unit prices in 1-c increments from 1 c to $99.99 per kg and total price to $99.99, and prepackaging ticket printer printing the weight to 5 kg by 2-g increments.

The printer does not print when the combination of unit price and weight causes the total price to exceed $99.99. The printer is inhibited for any weight more than 2 g and less than 100 g; the ability to print 2 g allows the zero of the printer mechanism to be checked.

The instrument comprises:

1. Weighing unit (see Figures 1 to 3) consisting of a parallel-link stayed load receptor, a main lever and a double-pendulum resistant mechanism. There is a transparent graticule with a weight scale and a digital code mounted on one of the pendulum resistants. The optical-projection systems transmit the weight scale to a translucent screen and the digital code to photo-electric cells which provide a coded signal to the computing unit.

   An ungraduated tare mechanism has a capacity of up to 100 g. A balance box is located beneath the load receptor. A level indicator is attached to a bracket fixed to the base of the weighing unit. The

weighing unit is marked "not for retail counter use".

2. Computing unit (see Figure 4) — computes the total price by multiplying the weight signal from the scale unit by the unit-price signal from the printer unit.

3. Prepackaging printer unit (see Figure 5) — provides a unit-price signal to the computer from four ten-position unit-price levers, and prints the weight, unit price and total price on:

   (a) a preprinted self-adhesive ticket (see Figure 6) which is held in the correct position by a pin and locating hole in the ticket roll. Information not relevant to the measurement may be printed on the ticket; or

   (b) an overprinted heat-seal ticket which does not need to be positioned in respect of the printed information (see Figure 7). No information other than that indicated in Figure 7 may be printed on the ticket.

An output socket on the printer provides information to peripheral equipment. The use of peripheral equipment will not affect the operation of the instrument.

The approval includes the weighing mechanism without a taring device.

Special Tests:

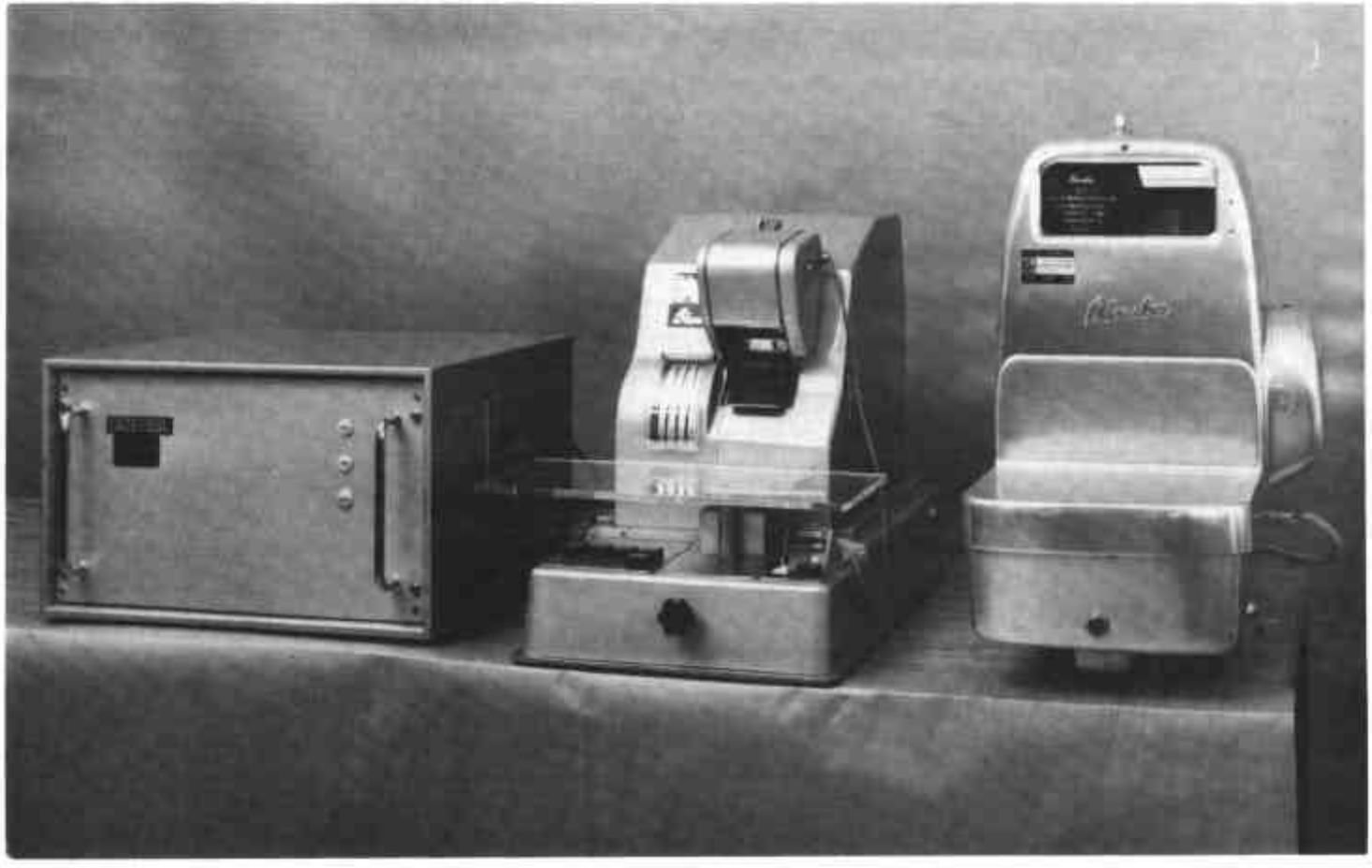
The printing of weight, unit price and total price as listed in Table 1 will indicate that the price-computing and weight circuits are functioning correctly. The exact figures shall be printed; rounding is effected within the computer.

TABLE 1

Printed Weight	Selected and Printed Unit Price	Printed Price
g	$/kg	$
100	19,99	2,00
102	29,98	3,06
104	39,97	4,16
106	49,96	5,30
108	59,95	6,47
110	69,94	7,69
120	79,93	9,59
130	89,92	11,69
140	99,91	13,99
150	99,80	14,97
160	99,70	15,95
170	99,60	16,93
180	99,50	17,91
190	99,40	18,89
200	99,30	19,86
300	99,20	29,76
400	99,10	39,64
500	98,00	49,00
600	97,00	58,20
700	96,60	67,62
800	95,00	76,00
900	94,00	84,60
1000	93,00	93,00
1500	62,50	93,75
2000	41,00	82,00
2500	39,90	99,75
3000	20,00	60,00
3500	20,00	70,00
4000	20,00	80,00
4500	20,00	90,00
4999	20,00	99,98

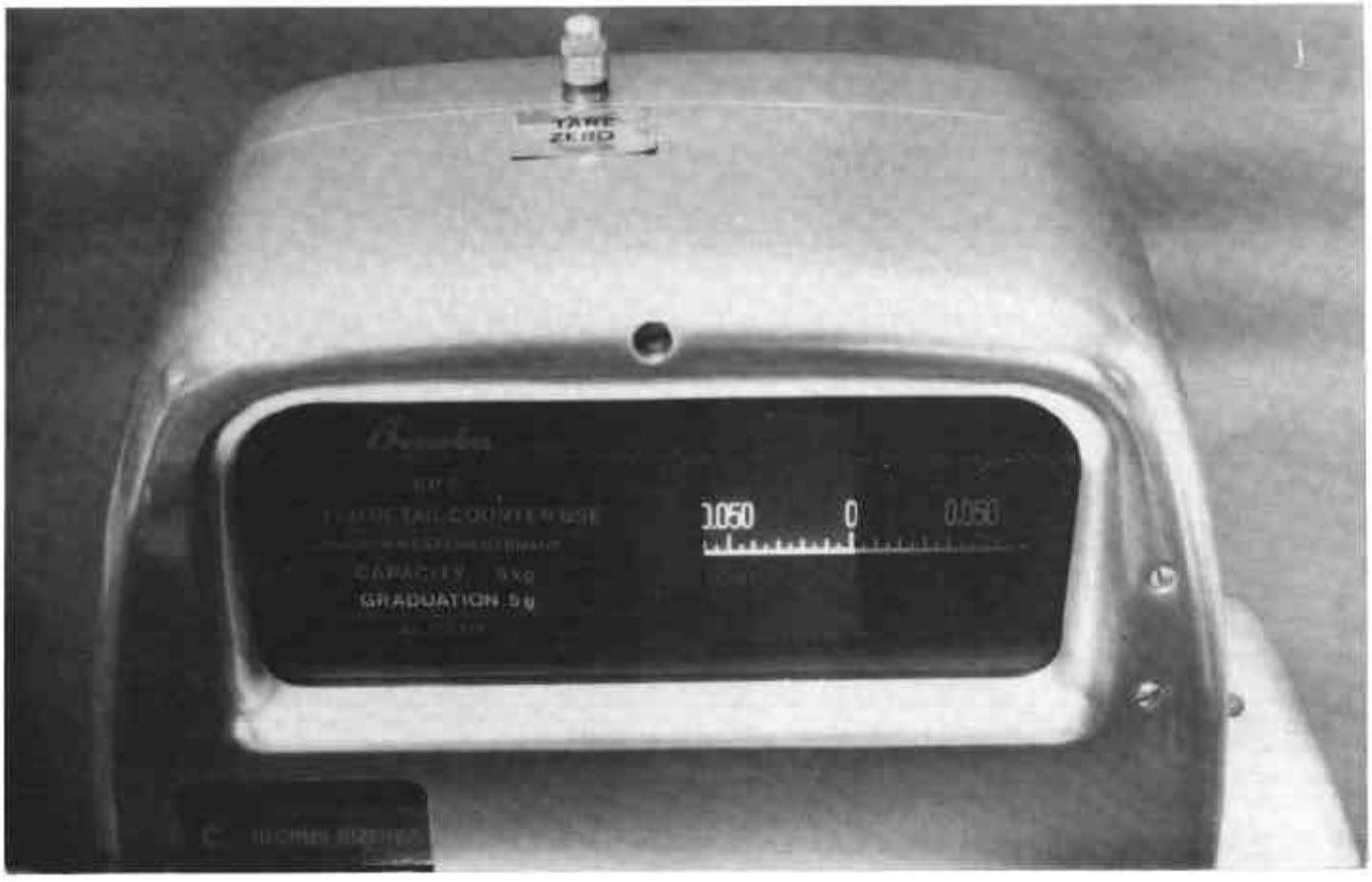
Price-computing and Weight-circuits Test

FIGURE 6/4D/37 - 1



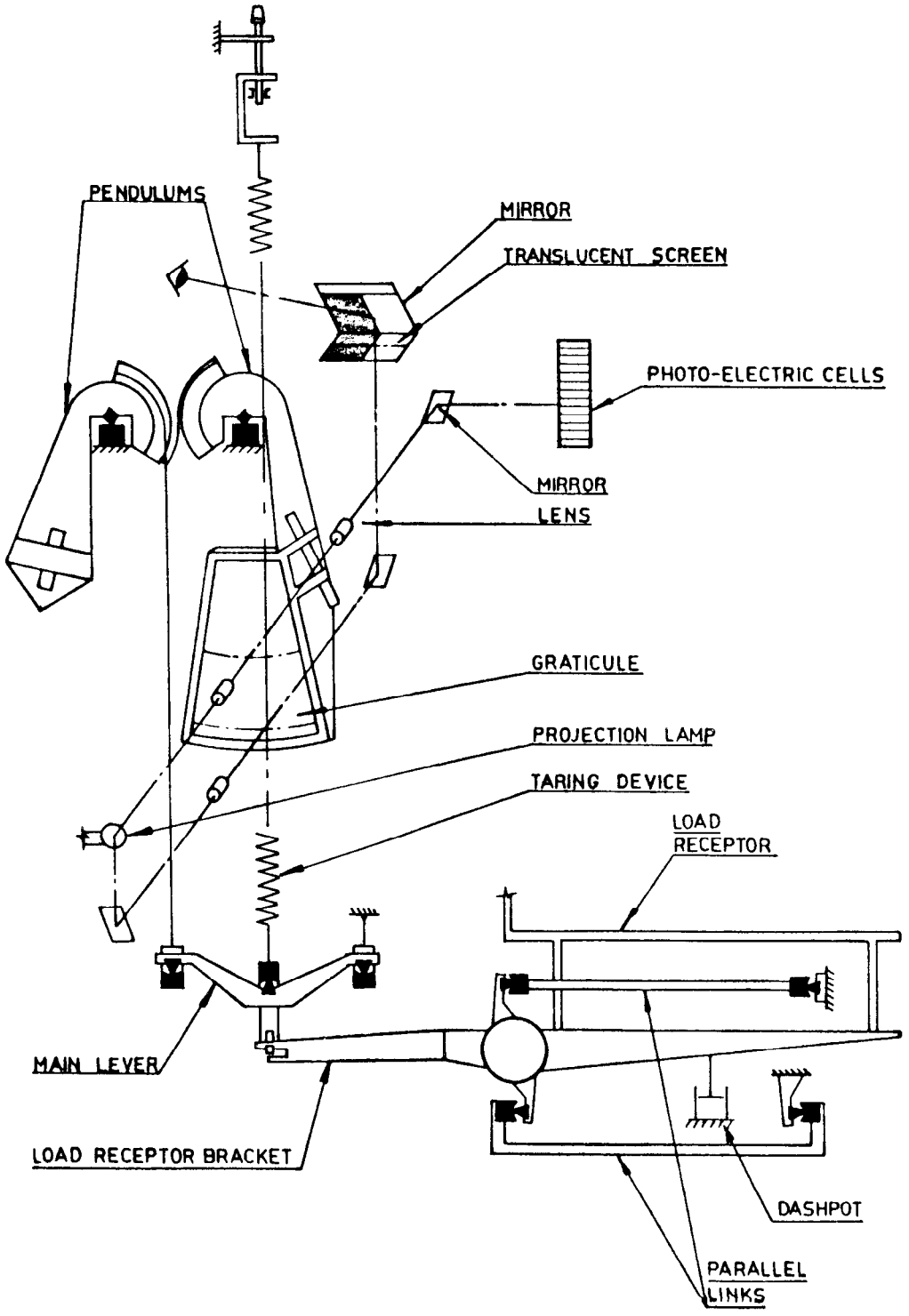
Bizerba EP 5000 with Self-adhesive-ticket Printer

FIGURE 6/4D/37 - 2



Bizerba EP 5000 — Weight Scale

FIGURE 6/4D/37 - 3



Bizerba EP 5000 — Levers and Optical-projection System

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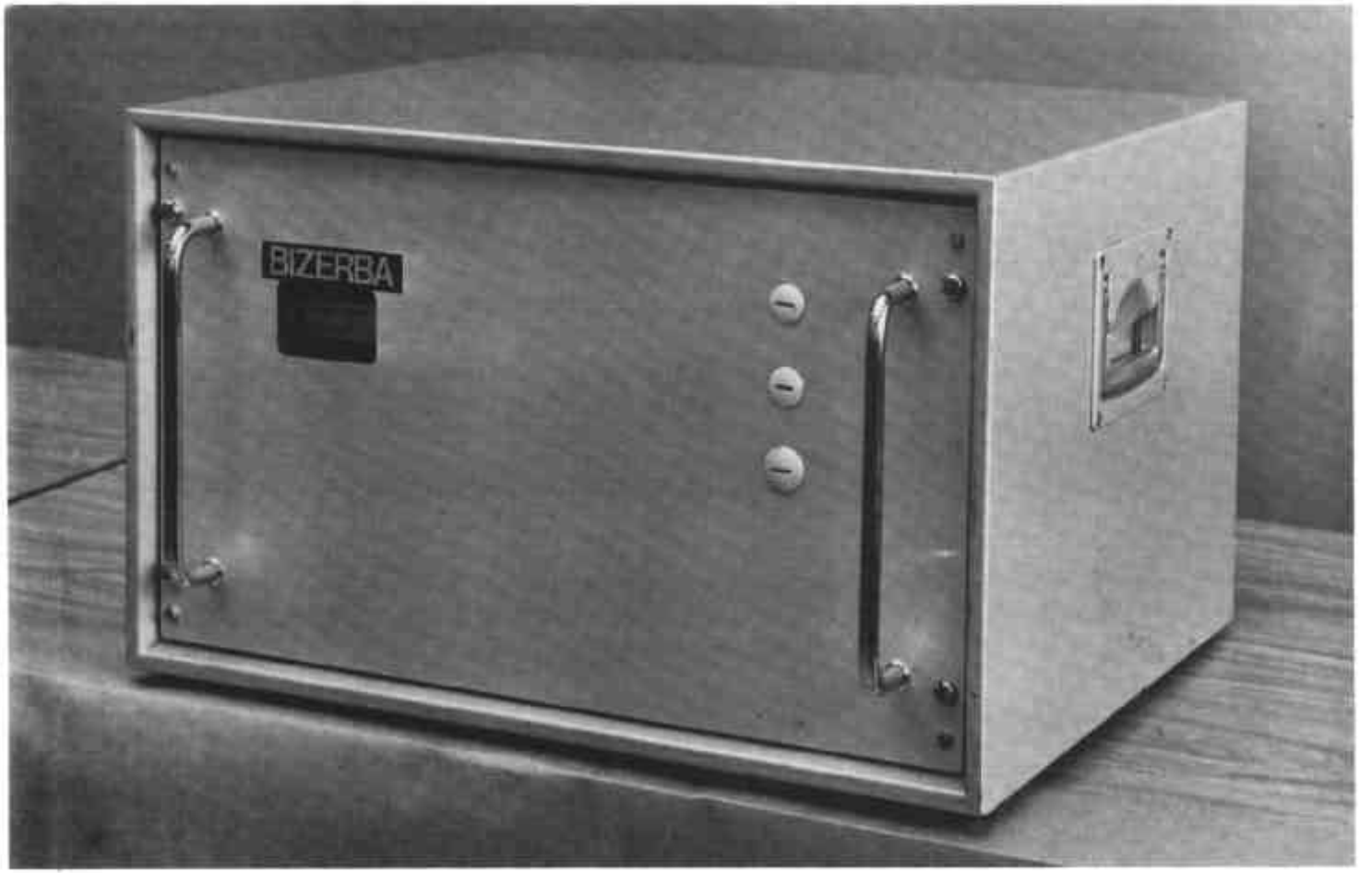
FIGURE 6/4D/37 - 4



Bizerba EP 5000 — Computing Unit

Bizerba EP 5000 — Heat-seal-ticket Printer

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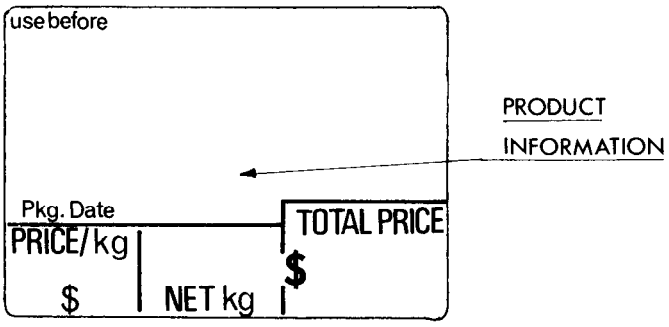
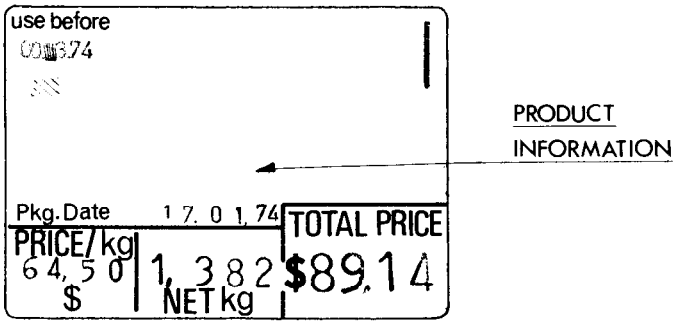
FIGURE 6/4D/37 - 6



(a) Before Printing



(b) After Printing

Sample Self-adhesive Ticket (actual size)

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FIGURE 6/4D/37 - 7

(a) Before Printing

(b) After Printing

Sample Heat-seal Ticket (actual size)

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