Your ref:

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CERTIFICATE OF APPROVAL No 6/4D/47

This is to certify that the pattern of the CANCELLED 0/1

Bizerba OP5e 1001 Weighing Instrument

submitted by Globus-Bizerba Pty Ltd,
150-152 Edinburgh Road,
Marrickville, New South Wales, 2204,

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

Date of Approval: 8 August 1975

The pattern is described in Technical Schedule No 6/4D/47, and in drawings and specifications lodged with the Commission.

The approval is subject to review on or after 1 August 1980.

All instruments conforming to this approval shall be marked with the approval number "NSC No 6/4D/47".

Signed

Executive Officer

BM 8

3/12/75

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4D/47

Pattern: Bizerba OP5e 1001 Weighing Instrument

Submittor: Globus-Bizerba Pty Ltd,
150-152 Edinburgh Road,
Marrickville, New South Wales, 2204.

Date of Approval: 8 August 1975

Condition of Approval:

All instruments conforming to this approval shall be marked "NSC No 6/4D/47".

Description:

The pattern (see Figures 1 and 2) is a self-indicating price-computing weighing instrument of maximum capacity 5,000 kg by 0,002-kg graduations, digitally indicating weight, unit price and price on the vendor's side and the purchaser's side. The unit price is selected by means of ten push-buttons and is cleared by a push-button marked "C".

The weighing unit (see Figure 3) consists of a parallel-link-stayed load receptor, a main lever, and a double-pendulum-resistant mechanism. A transparent graticule with a digital weight code is mounted on one pendulum. An optical-projection system transmits the digital weight code to photo-electric cells which provide a coded weight signal to the computer, where it is multiplied by the unit-price signal from the keyboard so as to indicate the total price.

An automatic monitor circuit will cause all digital indications to blank out whenever the unit price entered into the computer is not the same as that selected. The operation of this circuit is checked by means of a test button located under the side of the instrument. When the test button is pressed, all displays will blank out if the automatic monitor circuit is operating. Pressing the "C" button will reinstate the weight information and allow the unit price to be re-entered from the keyboard.

The instrument is fitted with a level indicator and three adjustable feet. Adjacent to the level indicator is a notice

advising that the instrument must be level when in use. A balance box is located beneath the load receptor.

The instrument is marked adjacent to each weight-reading face:

(III)

Max	=	5,000 kg
Min	=	0,040 kg
d_d	=	0,002 kg

A printer may be incorporated with the measurement system enabling weight, unit price and total price to be recorded and totalized with other prices not associated with the weighing function and entered by means of the keyboard. A sample ticket is illustrated in Figure 4.

Special Tests:

1. Price-computing and weight circuits

   The indication 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 should be indicated as rounding is effected within the computer.

2. Level sensitivity

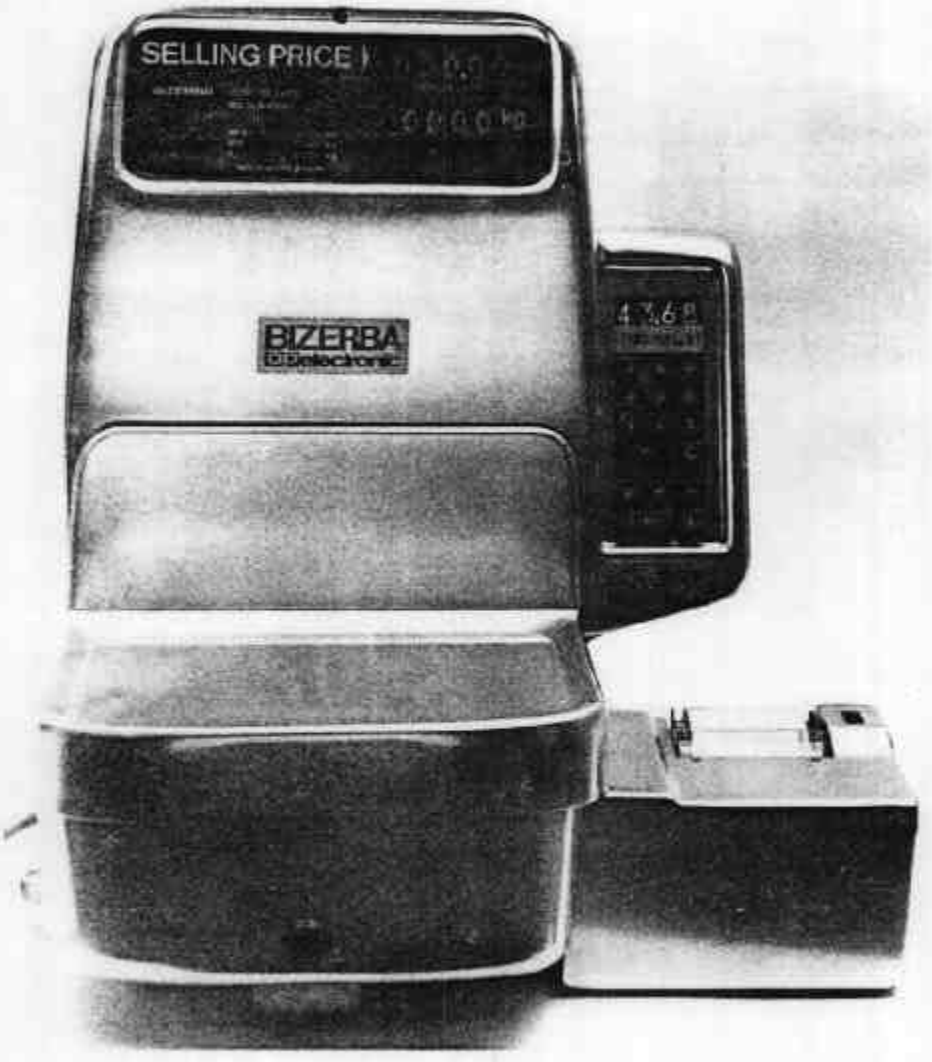
   When the instrument is tilted so that the bubble in the level indicator moves 2 mm, the zero should not change by more than 2 graduations, and when zero is reset in the tilted position the instrument should satisfy the weighing-accuracy specification, that is, ± ½ graduation for the first 500 graduations, ± 1 graduation for graduations over 500 and up to 2000, and ± 1½ graduations over 2000 graduations.

TABLE 1

Indicated or printed weight kg	Price per kg $	Total price $
0,100	19,99	2,00
0,102	29,98	3,06
0,104	39,97	4,16
0,106	49,96	5,30
0,108	59,95	6,47
0,110	69,94	7,69
0,120	79,93	9,59
0,130	89,92	11,69
0,140	99,91	13,99
0,150	99,80	14,97
0,160	99,70	15,95
0,170	99,60	16,93
0,180	99,50	17,91
0,190	99,40	18,89
0,200	99,30	19,86
0,300	99,20	29,76
0,400	99,10	39,64
0,500	98,00	49,00
0,600	97,00	58,20
0,700	96,60	67,62
0,800	95,00	76,00
0,900	94,00	84,60
1,000	93,00	93,00
1,500	62,50	93,75
2,000	41,00	82,00
2,500	39,90	99,75
3,000	20,00	60,00
3,500	20,00	70,00
4,000	20,00	80,00
4,500	20,00	90,00
4,998	20,00	99,96

Price-computing and Weight Circuits Test

FIGURE 6/4D/47 - 1



Bizerba OP5e 1001

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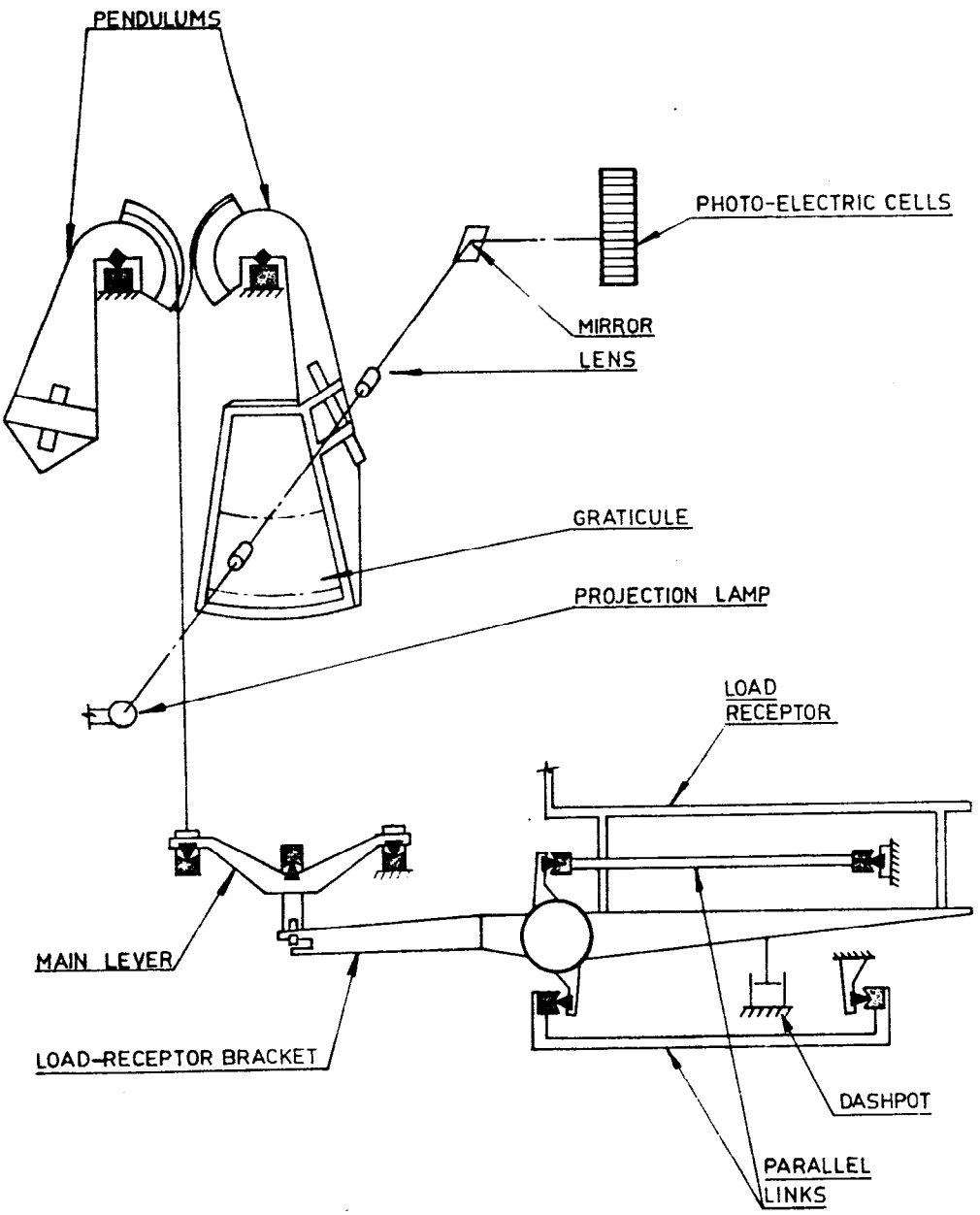
FIGURE 6/4D/47 - 2

Bizerba OP5e 1001 -- Purchaser's Side

FIGURE 6/4D/47 - 3



OP5e 1001 — Schematic Drawing

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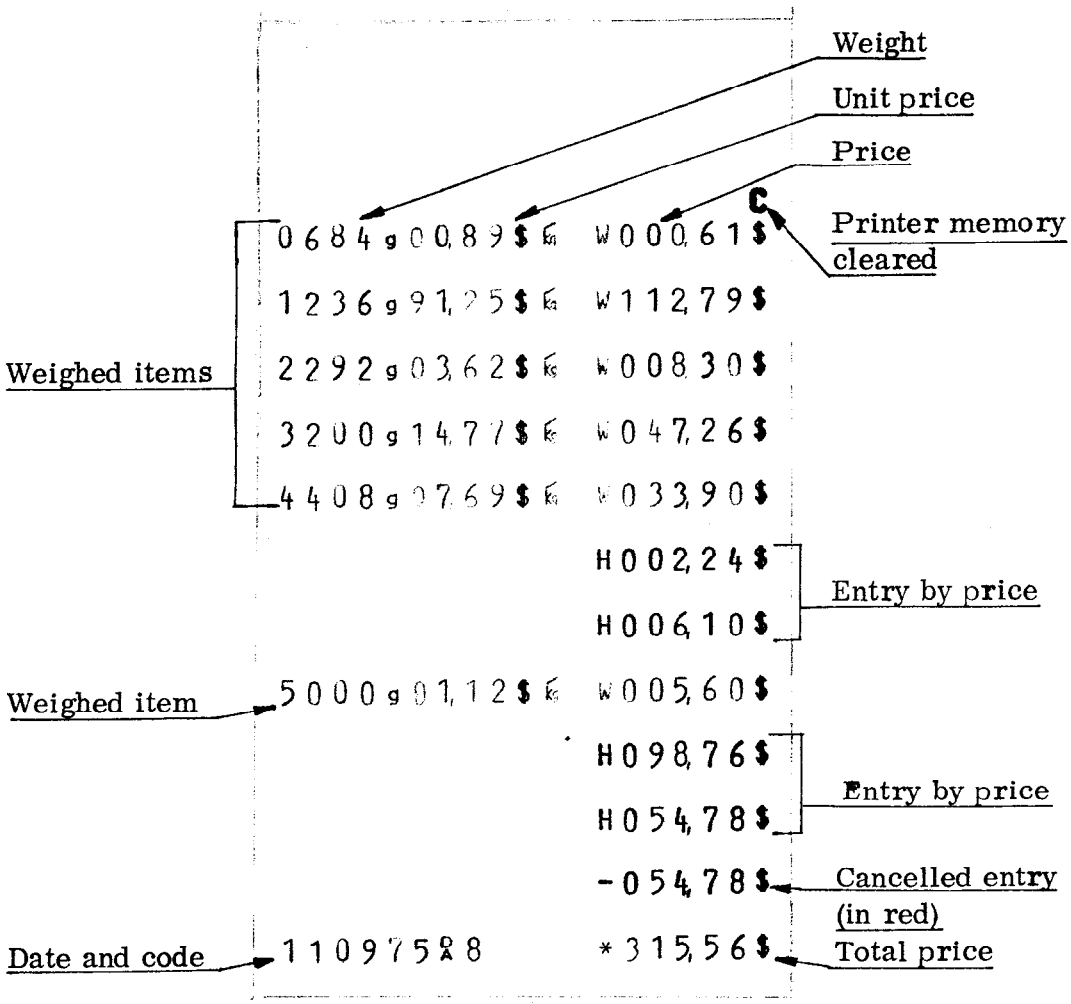
FIGURE 6/4D/47 - 4



Sample Ticket (actual size)

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