



6/4D/222A
18/12/89

National Standards Commission

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/4D/222A

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

Esselte Meto Model CS491 Weighing Instrument

submitted by Esselte Meto Pty Ltd
80 Lewis Road
Wantirna South VIC 3152.

This Certificate is issued upon completion of a review of NSC approval No 6/4D/222.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/9/94.
This approval expires in respect of new Instruments on 1/9/95.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/222A and only by persons authorised by the submittor.

This approval may be withdrawn if Instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

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

Signed

Executive Director

Descriptive Advice

Pattern: approved 31/8/89

- An Esselte Meto model CS491 self indicating price-computing weighing instrument of 15 kg capacity

Variants: approved 31/9/89

- Of 6 kg capacity
- As a mass only weighing instrument.

3. With an Integral ticket printer and known as the CP 501 series.
4. The model CPU 501 which has a price-look-up (PLU) facility.

Technical Schedule No 6/4D/222A describes the pattern and variants 1 to 4.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4D/222A dated 18/12/89
Technical Schedule No 6/4D/222A dated 18/12/89 (Incl. Test Procedure)
Figures 1 to 3 dated 18/12/89



National Standards Commission

TECHNICAL SCHEDULE No 6/4D/222A

Pattern: Esselte Meto Model CS491 Weighing Instrument.

Submittor: Esselte Meto Pty Ltd
80 Lewis Road
Wantirna South VIC 3152.

1. Description of Pattern

An Esselte Meto model CS491 self-indicating price-computing weighing instrument of 15 kg capacity with a verification scale interval of 0.005 kg. The instrument has unit price to \$999.99/kg and price to \$9999.99.

The instrument may be as shown in Figure 1 or with the purchaser's indicator mounted on a pillar. It may also be fitted with an output socket for the connection of a peripheral or an auxiliary device.

Either an Esselte Meto 15 kg load cell or an RMS model C840 15 kg load cell is fitted.

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 zero light illuminates whenever zero is set within $0.25e$. A "+" sign in the mass display illuminates whenever zero is between $+ 0.25e$ and $+ 0.5e$; a "-" sign illuminates whenever zero is between $- 0.25e$ and $- 0.5e$.

1.2 Display Check

A display check is initiated whenever power is applied to the instrument, or by pressing the TV button.

1.3 Tare

A semi-automatic taring device of up to maximum capacity may be fitted.

1.4 Printers

A model 4502 or model 7500 label printer, both of which are fitted with a price-look-up (PLU) facility, may be fitted.

1.5 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.

1.6 Verification Provision

Provision is made for a verification mark to be applied.

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/222A
Accuracy class	III
Maximum capacity	Max kg *
Minimum capacity	Min kg *
Verification scale interval	e = d = kg *
Maximum subtractive tare	T = - kg

* Repeated in the vicinity of each reading face.

2. Description of Variants

2.1 Variant 1

A model CS491 of 6 kg capacity with a verification scale interval of 0.002 kg, unit price to \$999.99/kg and price to \$5999.94.

2.2 Variant 2

As a mass only weighing instrument i.e. without price-computing.

2.3 Variant 3

With an integral ticket printer and additional management facilities and known as the CP 501 series. Instruments have unit price to \$9999.99/kg and price to \$9999.99.

Zero to within 0.25e is indicated by means of a in the mass display.

The CP 501 series consists of the following models:

- CP 501 BASIC - Includes a facility for 2 simultaneous transactions. Details of each item purchased are stored in one of 2 memories. On completion of the total transaction, the details are recalled and automatically itemised and totalised on a ticket for the purchaser.
- CP 501 ANALYTIC - as described above and in addition with transaction facilities including printing the total for each transaction twice.
- CP 501 ANALYTIC EAN - as described above and in addition with bar code facility.

Note: Where a totalising function is provided in the presence of the purchaser a ticket printer is mandatory. Alternatively, the instrument shall be marked NOT FOR RETAIL COUNTER USE, or similar wording.

2.4 Variant 4

A model CPU 501 (Figure 3) which has a price-look-up (PLU) facility. This model is similar to the CP 501 series (Variant 3) including having an Integral ticket printer, but in addition has a PLU keyboard and the indicator is mounted on a pillar.

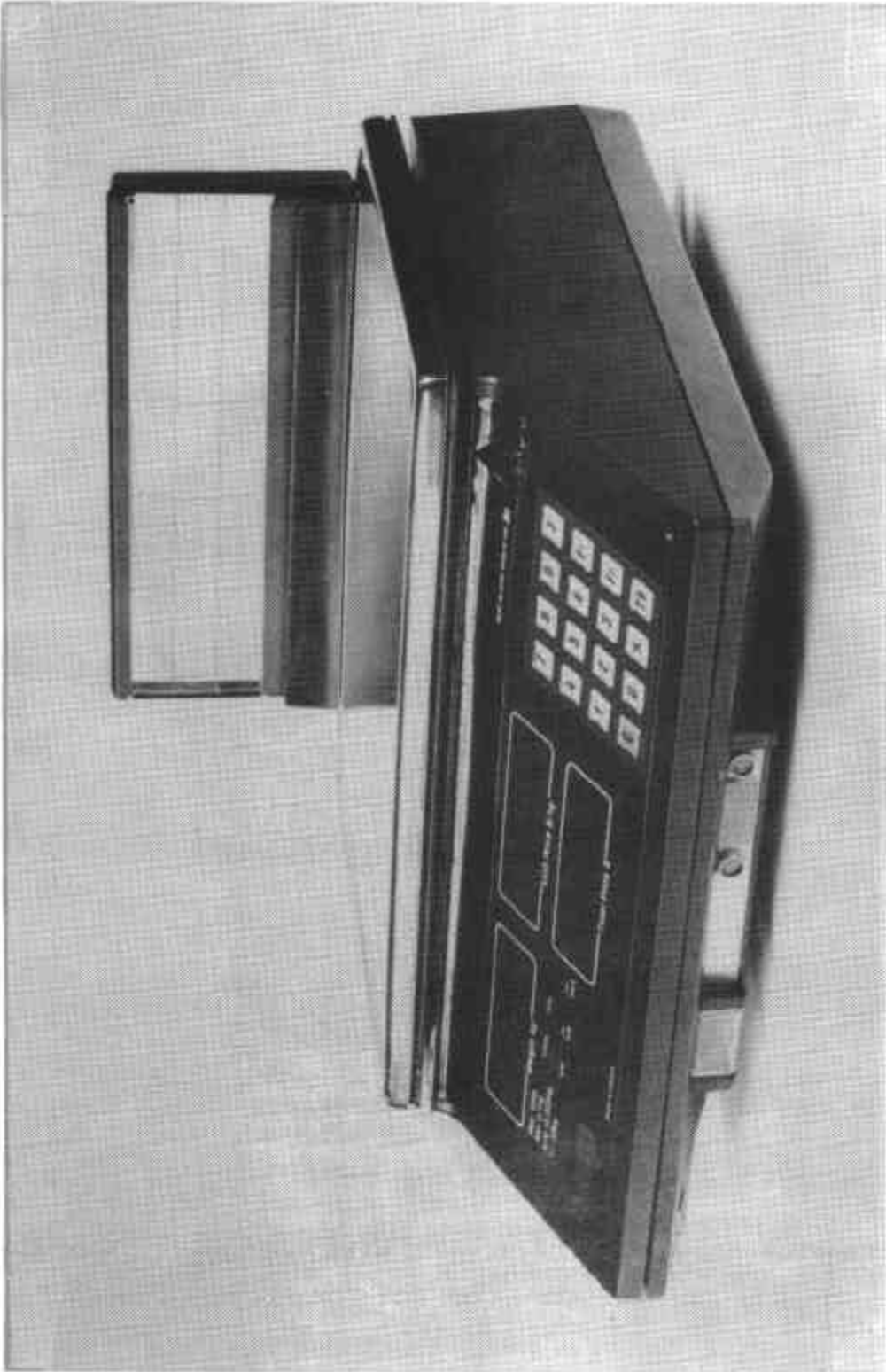
Instruments may be used in any of the following switch-selectable modes:

- Mode A - with 28 PLU functions;
- Mode B - with 20 PLU functions and 8 department keys;
- Mode Plus - with 8 departments each having 20 PLU functions; and
- Mode ECR - similar to mode B but also with cash register functions.

TEST PROCEDURE

Instruments should be tested in accordance with any relevant tests specified in the Inspector's Handbook. The results should not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.

Figure 6/4D/222A - 1



Eselite Moto Model CS491

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Figure 6/4D/222A - 2



Typical CP 501 Series Instrument

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Figure 6/4D/222A - 3



Model CPU 501