

CERTIFICATE OF APPROVAL No 6/4D/31
VARIATION No 3

CANCELLED 0 1

This is to certify that the following modification of the patterns of the Pioneer Weighing Instrument Model F5N and Others

approved in Certificate No 6/4D/31 dated 31 May 1973 and subsequent variations

submitted by Pioneer Scale Co. Pty Ltd,
Bray Avenue,
Torrensville, South Australia, 5031,

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

Date of Approval: 26 November 1976

The approved modification, described in Technical Schedule No 6/4D/31 - Variation No 3 and in drawings and specifications lodged with the Commission, provides for price scales for unit prices from -

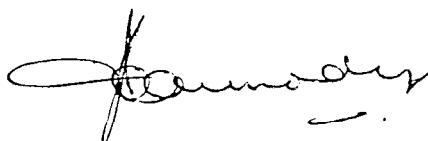
1. 1 c/kg to 200 c/kg;
2. 1 c/kg to 400 c/kg; and
3. 1 c/kg to 450 c/kg,

for the metric conversion of existing instruments.

The approval of the patterns advised in Certificate No 6/4D/31 dated 31 May 1973 and subsequent variations will expire on 31 December 1976.

All instruments conforming to this approval shall be marked with the approval number "NSC No 6/4D/31".

Signed



Executive Officer



Weights and Measures
(National Standards)
Act 1960-1966
Weights and Measures
(Patterns of Instruments)
Regulations

COMMONWEALTH OF AUSTRALIA

NATIONAL STANDARDS COMMISSION

Certificate of Approval

CERTIFICATE NUMBER 6/4D/31

This Certificate replaces Certificate No 6/4D/31 dated 2 February 1973. *

In respect of the pattern of

Pioneer Self-indicating Weighing Instrument of 4-kg Capacity and Variants.

Submitted and
manufactured by:

South Australian Scale Co. Pty Ltd,
Bray Avenue,
Torrensville,
South Australia. 5031.

This is to certify that the pattern and variants of the instrument illustrated and described in this Certificate have been examined by the National Standards Commission under the provisions of the abovementioned Regulations and have been approved as being suitable for use for trade.

The pattern and variants 1 to 3 were approved on 25 January 1973; variant 2 was approved for a limited duration expiring on 31 December 1973. Variant 4 was approved on 23 May 1973.

The pattern and variants:

1. are marked "NSC No 6/4D/31" and, where required by State legislation, with the State approval number also; and

* NOTE: Figures 6/4D/31 - 1 to 6 of the previous issue form part of the Certificate and must be retained.

2. comply with the General Specifications for Measuring Instruments to be Used for Trade in respect of those parts of the pattern and variants which were not previously approved by a State, excluding that requirement which relates to the width of graduations in respect of variant 2.

This Certificate comprises:

Pages 1 to 3 dated 31 May 1973.

Figures 6/4D/31 - 1 to 6 dated 2 February 1973.

Figure 6/4D/31 - 7 dated 31 May 1973.

Pursuant to regulation 12 of the abovementioned Regulations, this Certificate is applicable in all States.

Date of issue 31 May 1973.

Signed



A person authorized by the Commission to sign Certificates under the abovementioned Regulations.

DESCRIPTION OF PATTERN*

The pattern is a modification of the pattern of a self-indicating counter machine of 4-kg capacity, known as the Pioneer Model F5N, approved in all States (see Figure 1).

The modification consists of the fitting of a chart which has a weight scale of 2000-g capacity graduated in 10-g intervals, and a series of price scales graduated in 1-cent intervals, based on unit prices from 2 to 100 cents per kilogram marked on the indicator blade (see Figure 3). The chart has the dimensions illustrated in Figure 2. The throw-over weight has been altered to 2000-g capacity.

DESCRIPTION OF VARIANTS*

1. Having a chart and a throw-over weight, as follows:

<u>Chart Capacity</u>	<u>Graduation Value</u>	<u>Unit-price Range</u>	<u>Price Graduations</u>	<u>Throw-over Weight</u>	<u>Reference Figure</u>
2000 g	10 g	2-170 c/kg	1c & 2c	2000 g	4
1000 g	5 g	2-200 c/kg	1c	1000 g	5

The chart has the dimensions illustrated in Figure 2.

- †2. Having a chart and a throw-over weight, as follows:

<u>Chart Capacity</u>	<u>Graduation Value</u>	<u>Unit-price Range</u>	<u>Price Graduations</u>	<u>Throw-over Weight</u>	<u>Reference Figure</u>
1500 g	10 g	2-290 c/kg	1c & 2c	1500 g	6

The chart has the dimensions illustrated in Figure 2.

3. Having the charts described in the pattern and variants 1 and 2† fitted to any State or Commission-approved pattern.
4. Having a housing of the form illustrated in Figure 7.

* Approved pursuant to regulation 12.

† Approval limited to 31 December 1973.



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4D/31

VARIATION No 1

Pattern: Pioneer F5N Weighing Instrument

Submitter: South Australian Scale Co. Pty Ltd,
Bray Avenue,
Torrensville, South Australia, 5031

Date of Approval of Variants: 13 June 1974

The modifications described in this schedule apply to the pattern and variants described in the following pages and figures of Certificate No 6/4D/31 dated 31 May 1973:

Page 3 dated 31 May 1973

Figures 6/4D/31 - 1 to 6 dated 2 February 1973

Figure 6/4D/31 - 7 dated 31 May 1973

All instruments conforming to this approval shall be marked "NSC No 6/4D/31".

Description:

This variation approves the fitting of:

1. A chart which is graduated to 2000 g by 10-g graduations and a series of price scales for unit prices from 22 c/kg to 150 c/kg (see Figure 8); and
2. A chart which is graduated to 1500 g by 10-g graduations and a series of price scales for unit prices from 2 c/kg to 290 c/kg (see Figure 9).

The identifiable difference between this chart and the 1500 g by 10-g graduation chart approved on 25 January 1973, limited to 31 December 1973, is that the 280 c/kg and 290 c/kg price scales which had 2-c divisions now have 5-c divisions.



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4D/31

VARIATION No 2

Pattern: Pioneer F5N Weighing Instrument

Submittor: South Australian Scale Co. Pty Ltd,
Bray Avenue,
Torrensville, South Australia, 5031.

Date of Approval of Variation: 8 May 1975

The modifications described in this Schedule apply to the patterns described in -

Certificate No 6/4D/31 dated 31 May 1973, and
Technical Schedule No 6/4D/31 - Variation No 1 dated 17 June 1974

Condition of Approval:

All instruments conforming to this approval shall be marked "NSC No 6/4D/31".

Description:

The approved modifications allow the instrument to have only a weight-reading face with a capacity of up to 2000 g. No price scales are fitted.



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4D/31

VARIATION No 3

Pattern: Pioneer Weighing Instrument Model F5N and Others*
approved in Certificate No 6/4D/31 dated 31 May 1973
and subsequent variations

Submittor: Pioneer Scale Co. Pty Ltd,
Bray Avenue,
Torrensville, South Australia, 5031.

Date of Approval of Variation: 26 November 1976

The modification described in this Schedule applies to the patterns described in Certificate No 6/4D/31 dated 31 May 1973 and Technical Schedule No 6/4D/31 - Variation Nos 1 and 2 dated 17 July 1974 and 22 May 1975 respectively.

The approval of the patterns advised in Certificate No 6/4D/31 dated 31 May 1973 and subsequent variations will expire on 31 December 1976.

All instruments conforming to this approval shall be marked "NSC No 6/4D/31".

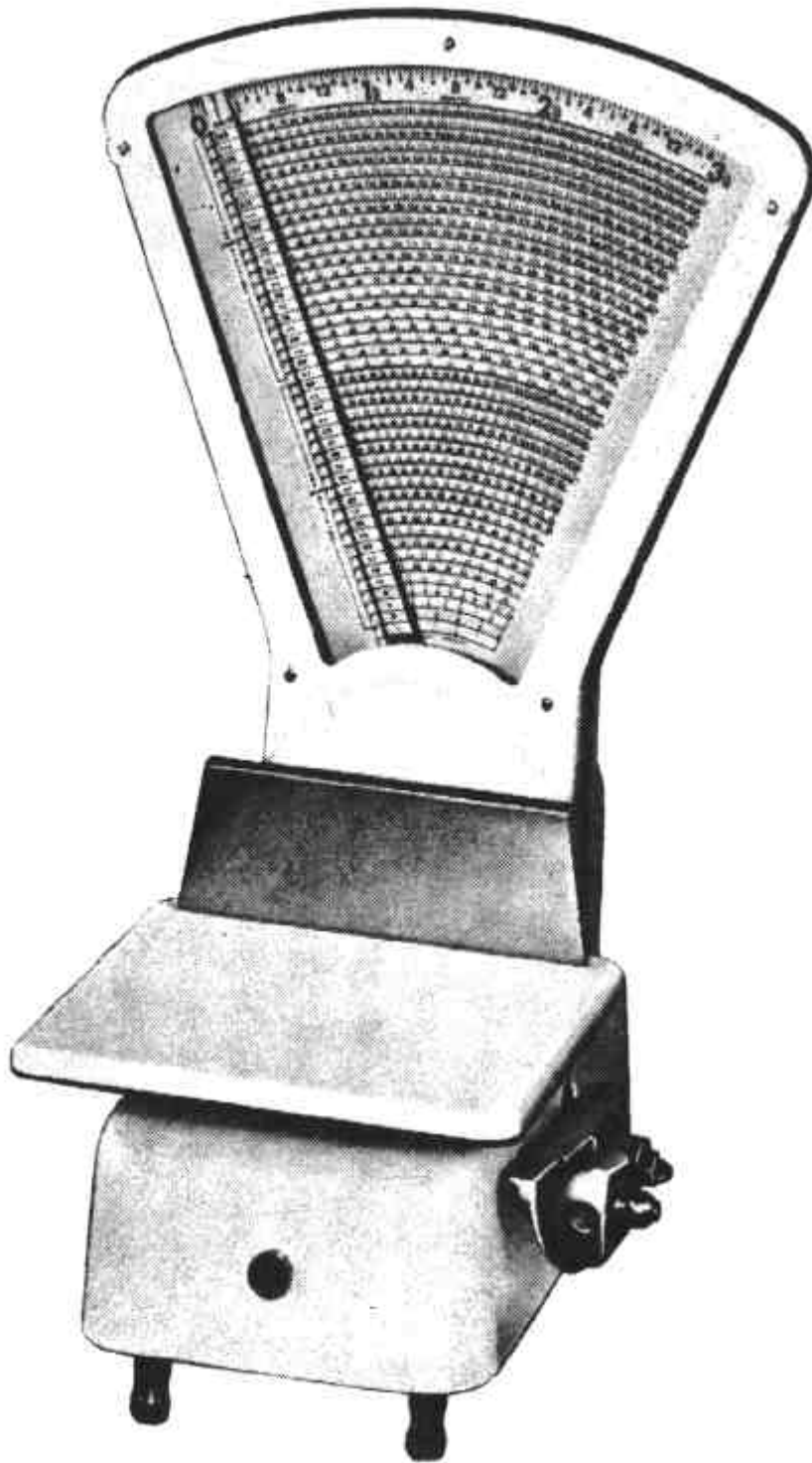
Description:

The approved modification provides for the weight chart of 2000 g by 10-g graduations, with a series of price scales for the following unit-price ranges:

1. 1 c/kg to 200 c/kg;
2. 1 c/kg to 400 c/kg;
3. 1 c/kg to 450 c/kg.

* Certificate No 6/4D/31 dated 31 May 1973 included Models F5N, F5, CF4 and CF4N, variations to each having been approved by the Commission pursuant to regulation 12 of the Weights and Measures (Patterns of Instruments) Regulations.

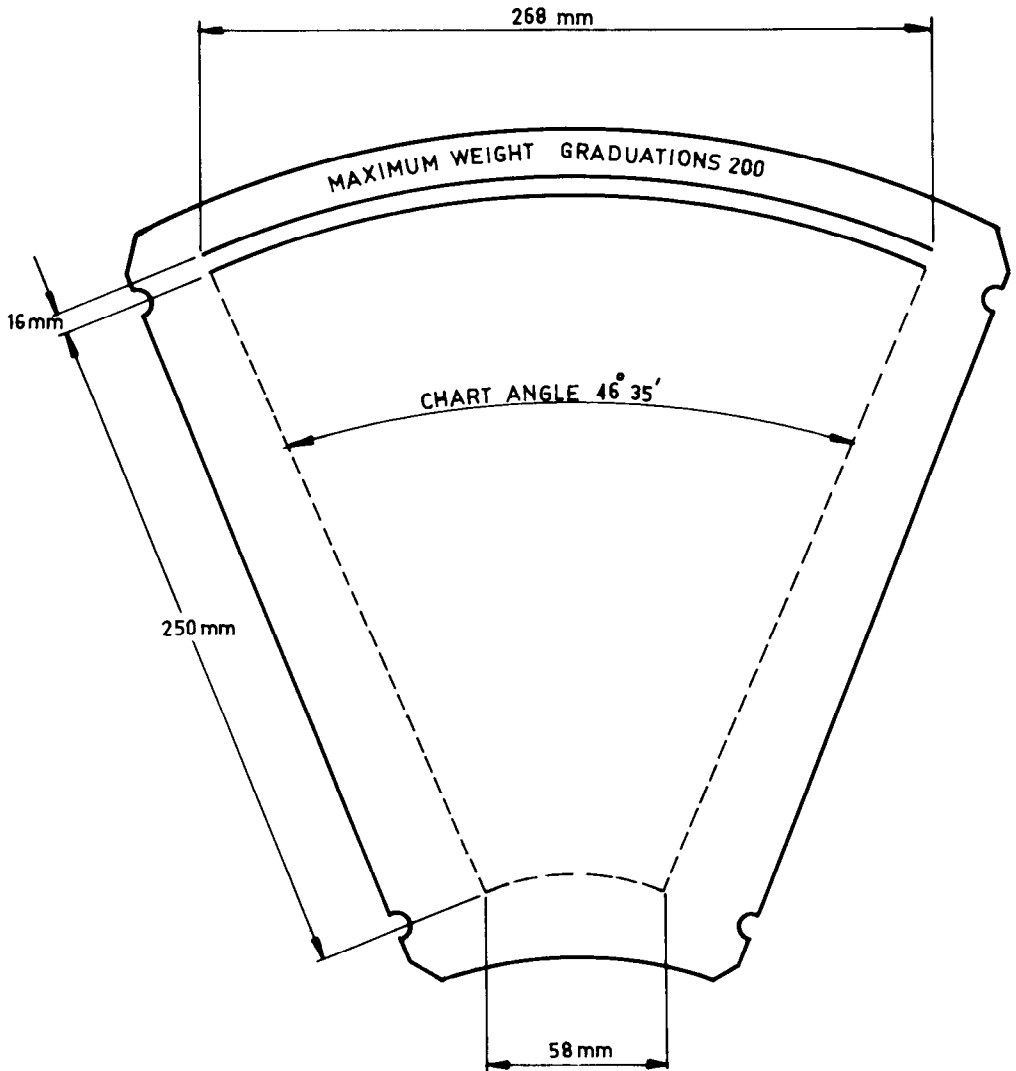
FIGURE 6/4D/31 - 1



Pioneer Model F5N (with Chart Conforming
to State-approved Pattern)

2/2/73

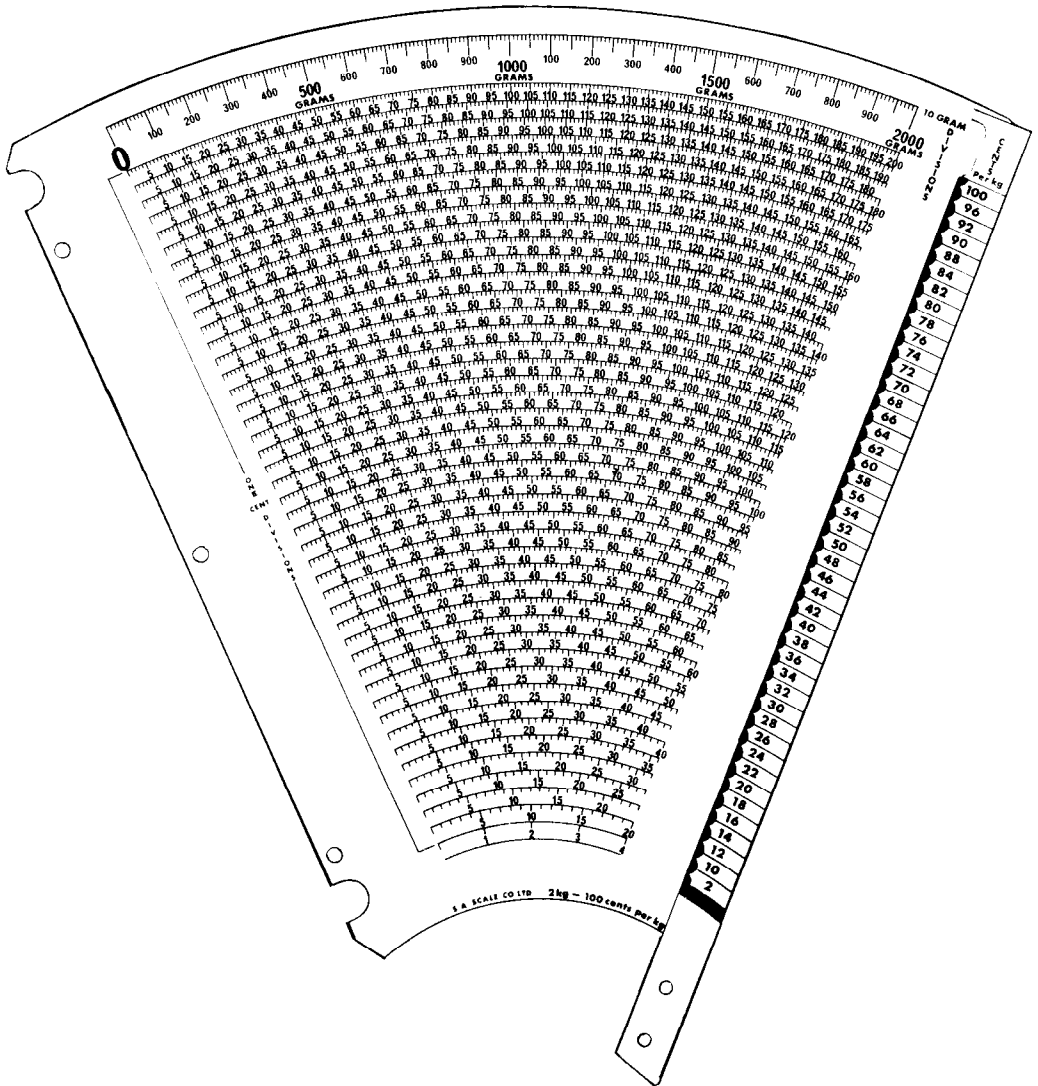
FIGURE 6/4D/31 - 2



Dimensions of Weight and Price-computing Chart

2/2/73

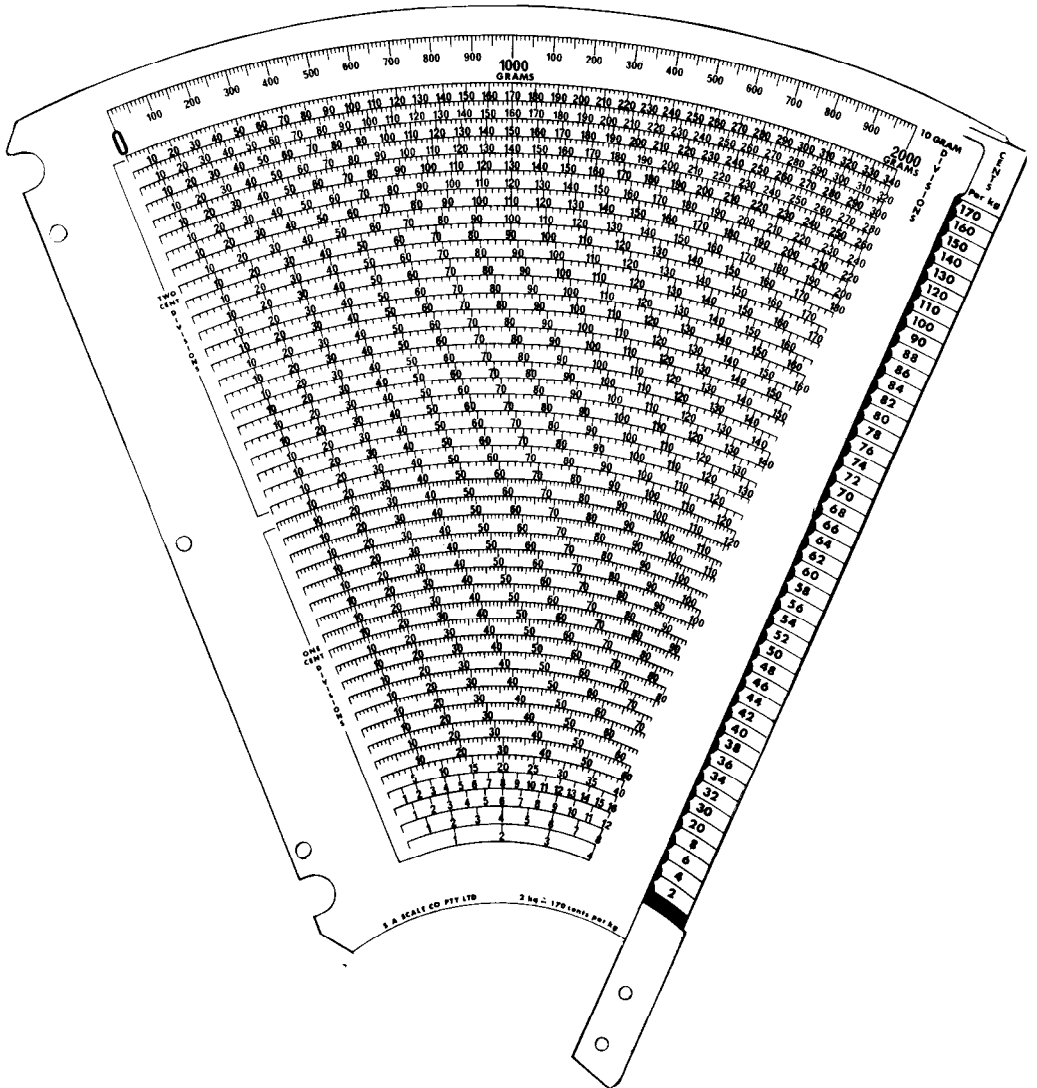
FIGURE 6/4D/31 - 3



2000-g 100-c/kg Chart and Indicator Blade

2/2/73

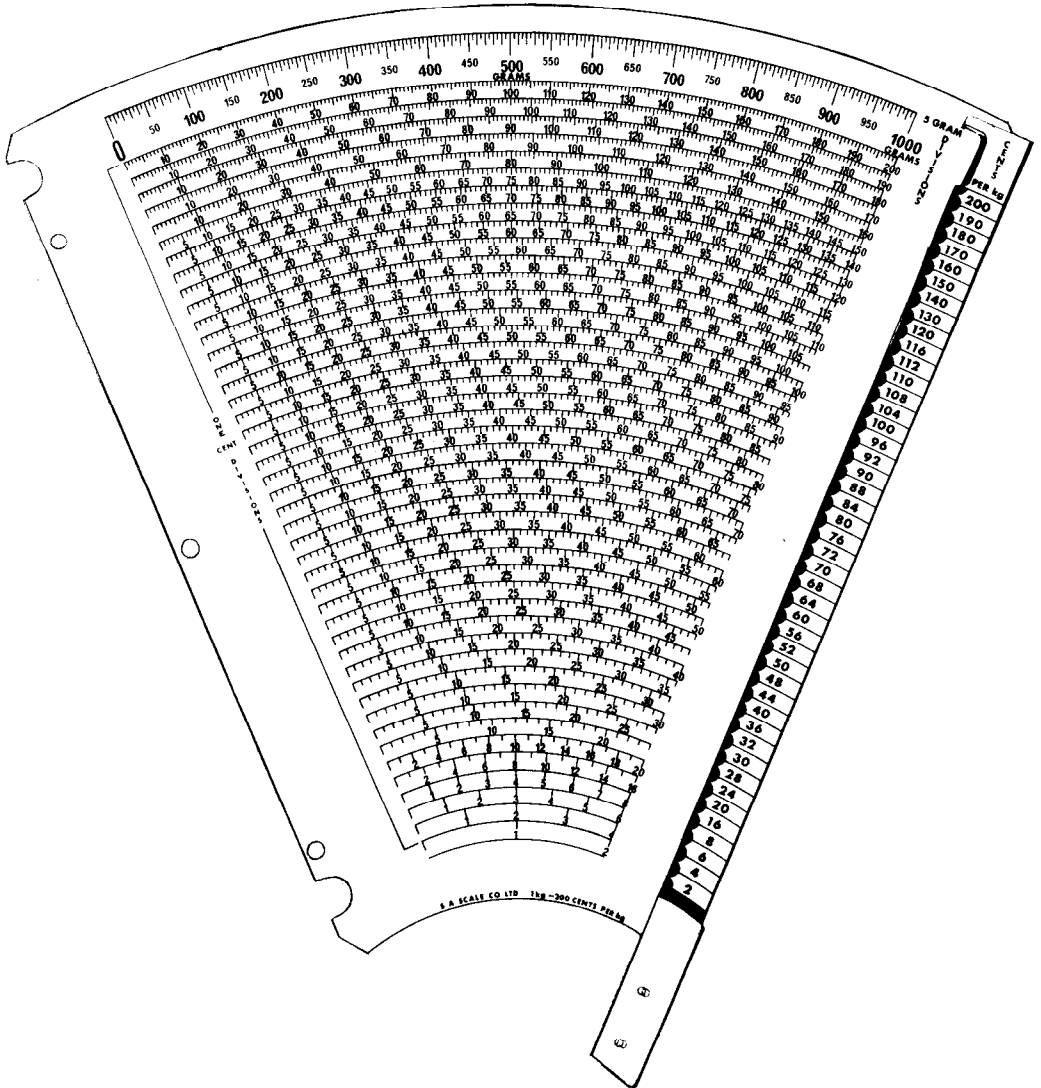
FIGURE 6/4D/31 - 4



2/2/73

2000-g 170-c/kg Chart and Indicator Blade

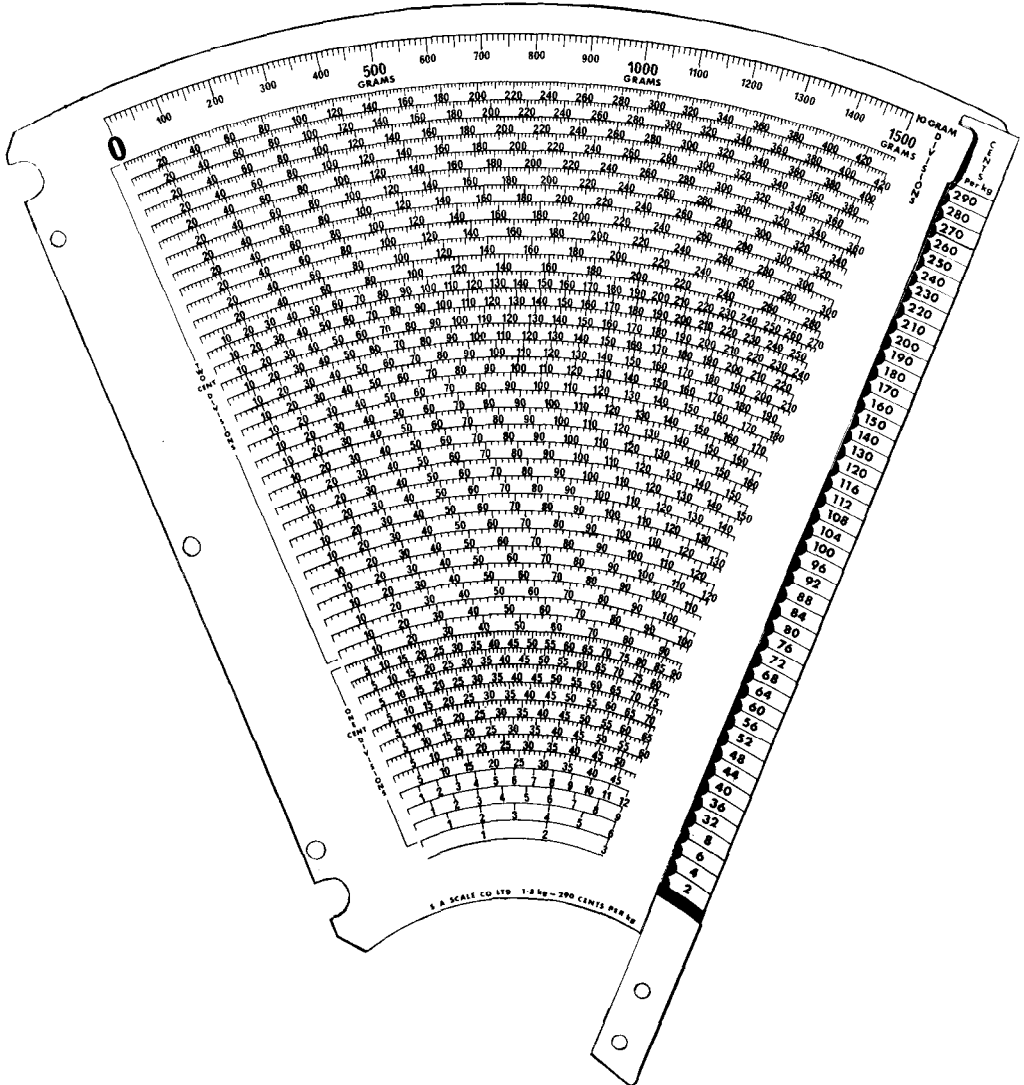
FIGURE 6/4D/31 - 5



1000-g 200-c/kg Chart and Indicator Blade

2/2/73

FIGURE 6/4D/31 - 6



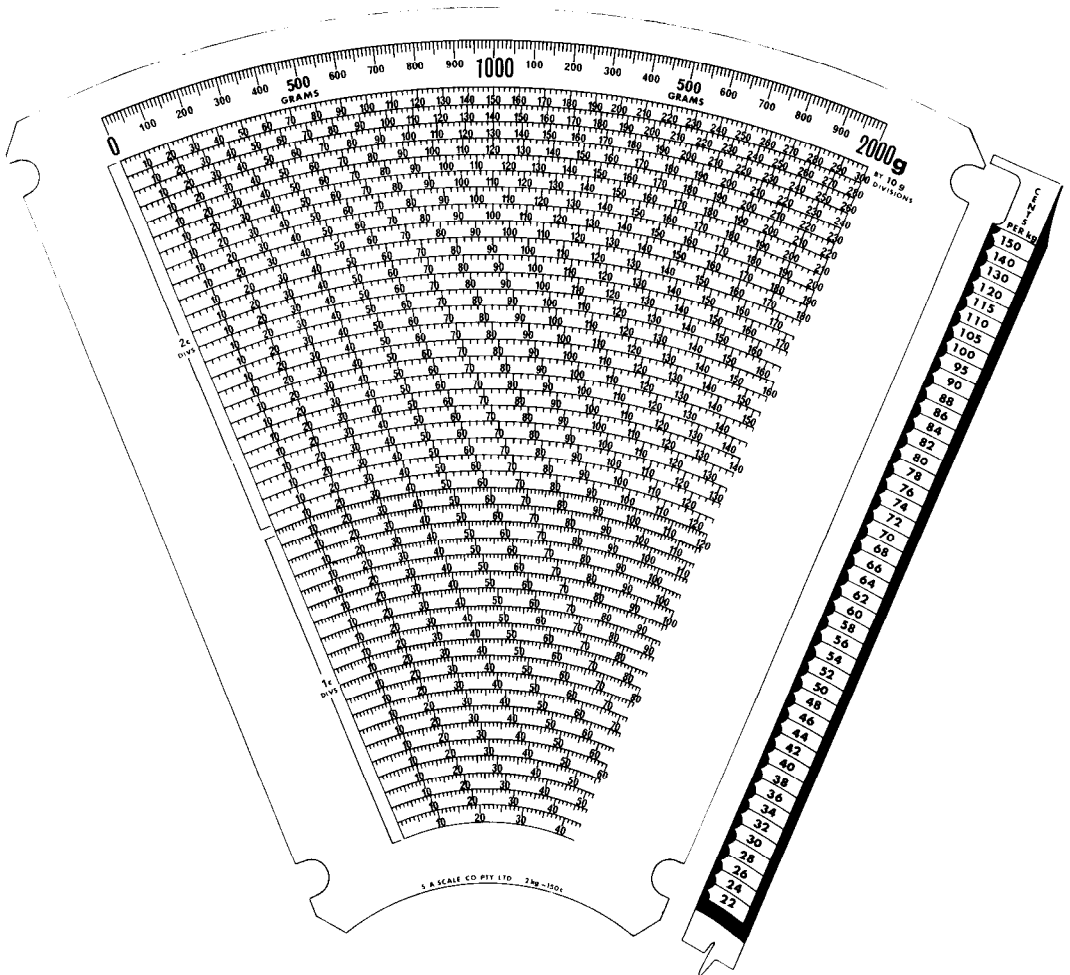
1500-g 290-c/kg Chart and Indicator Blade
(Approval limited to 31 December 1973)

2/2/73



Pioneer Model CF4N showing alternative housing
31/5/73

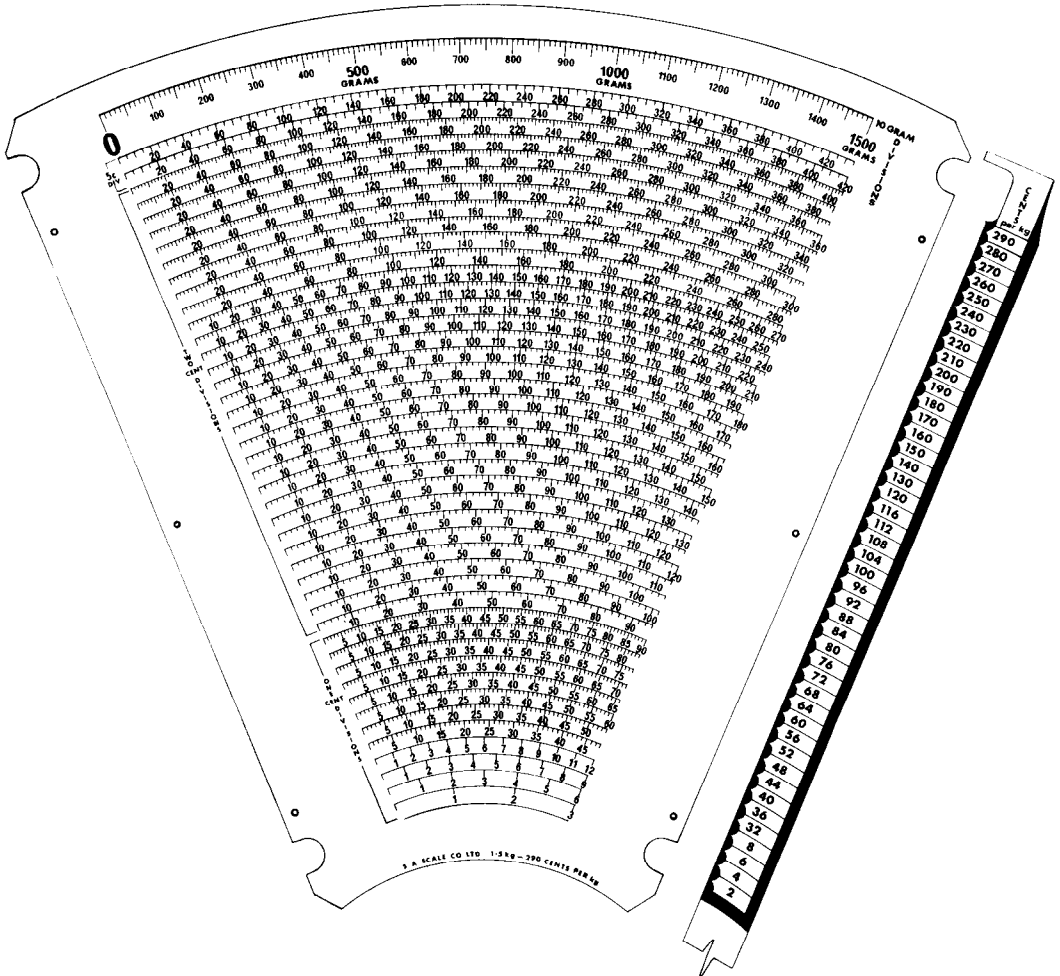
FIGURE 6/4D/31 - 8



2000-g 22 to 150-c/kg Chart and Indicator

17/7/74

FIGURE 6/4D/31 - 9



1500-g 2 to 290-c/kg Chart and Indicator

17/7/74