



National Standards Commission

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 2/1/9

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

GER Model Loto/St Area Measuring Instrument

submitted by Brown & Dureau International
484 St. Kilda Road
Melbourne VIC 3004.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/7/94.
This approval expires in respect of new instruments on 1/7/95.

Instruments purporting to comply with this approval shall be marked NSC No 2/1/9.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

Signed

Acting Executive Director

Descriptive Advice

Pattern: approved 6/6/89

- A GER model Loto/St dual-range instrument for measuring the area of opaque sheets of leather of up to 999 dm².

Technical Schedule No 2/1/9 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 2/1/9 dated 14/11/89
Technical Schedule No 2/1/9 dated 14/11/89 (incl. Test Procedure)
Figures 1 and 2 dated 14/11/89



National Standards Commission

TECHNICAL SCHEDULE No 2/1/9

Pattern: GER Model Loto/St Area Measuring Instrument.

Submittor: Brown & Dureau International
484 St. Kilda Road
Melbourne VIC 3004.

1. Description of Pattern

The GER model Loto/St (Figures 1 and 2) is a dual-range instrument for measuring the area of opaque sheets of leather. The leather is placed between two clear rotating drums. The upper drum has a number of light emitting diodes (LED's) and the lower drum has a corresponding number of photocells aligned with the LED's.

The keyboard/printer may be located as shown in Figure 1, or on the right-hand side of the framework.

1.1 Measuring Range

The instrument may be used with a maximum measuring area of 999 dm² with a scale interval of 1 dm² or with a maximum measuring area of 99.9 dm² with a scale interval of 0.1 dm².

The range is selected at the keyboard before measuring commences and remains in that range until the alternate range is selected. The range in use is indicated by the decimal points being illuminated or not, as appropriate.

1.2 Units

The instrument may be set at the keyboard to measure in either SI units (dm²) or Imperial units (ft²) and remains set until the alternate units are selected. The selection of the units in use is indicated by the appropriate LED being illuminated.

The use of Imperial units is only for export use, and a notice to this effect is located adjacent to the display.

1.3 Test Facilities

The display unit may be tested via the keyboard. The LED's and photocells are automatically tested whenever power is applied and after each measurement.

1.4 Stamper

The instrument may stamp the leather with the area determined.

1.5 Printers

The instrument may be provided with a ticket printer to provide a printout of the areas of individual sheets, and the total of a number of measurements.

A label printer for individual measurements may also be fitted.

1.6 Marking

The instrument data plate is marked with the following data:

Manufacturer's name or mark	
Serial number	
Year of manufacture	
NSC approval number	NSC No 2/1/9
Maximum area (#) dm ²
Minimum area (#) dm ²
Scale interval (#) dm ²

(# - For each range.)

In addition, adjacent to the LED indicating that the instrument is set to measure in "ft²" units, a notice is provided stating "FOR EXPORT USE ONLY", or similar wording.

1.7 Verification Provision

Provision is made for a verification mark to be applied.

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.

National Standards Commission



NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 2/1/9

CHANGE No 1

The following changes are made to the approval documentation for the

GER Model Loto/St Area Measuring Instrument

submitted by Brown & Dureau International
484 St Kilda Road
Melbourne VIC 3004.

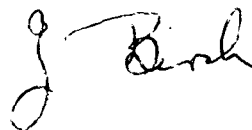
In Certificate of Approval No 2/1/9 and its Technical Schedule both dated 14/11/89, the references to the submitter should be amended to read:

"Lovel Meehan Stevens Pty Ltd
Benalla Road
Yarrowonga VIC 3730."

In Technical Schedule No 2/1/9 dated 14/11/89, clause 1. Description of Pattern should be amended by adding:

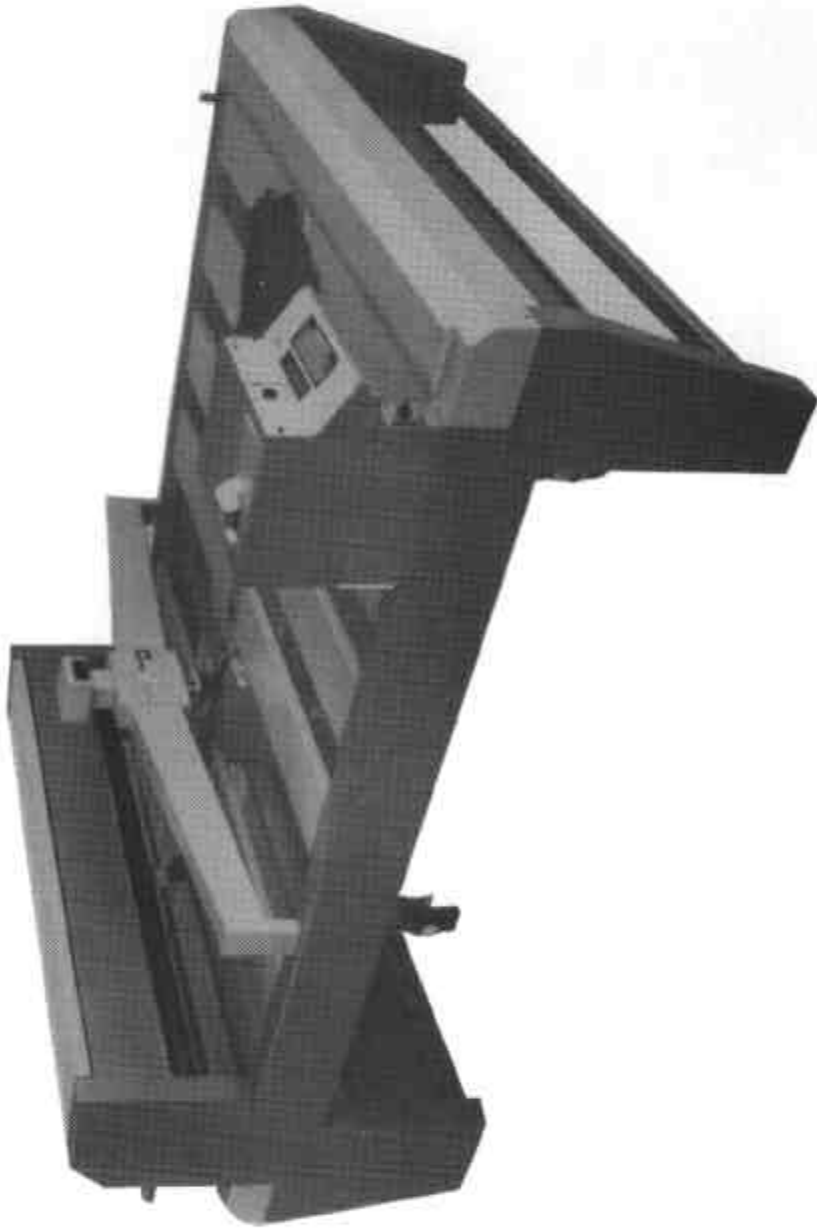
"Instruments may also be known as models Loto/Soft and Loto/Soft-R, which may be in alternative housings including with a return conveyor."

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



2/1/9
14/11/89

Figure 2/1/9 - 1



GER Model Loto/St. Area Measuring Instrument

Figure 2/1/9 - 2



Showing Indicator

