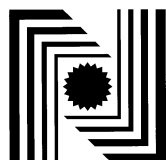
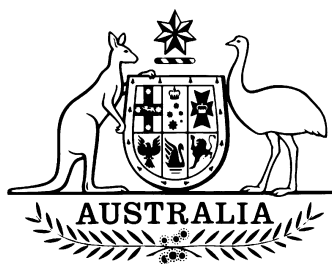


2/1/8A
22 May 2002



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Certificate of Approval

No 2/1/8A

Issued under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that the approval for use for trade granted in respect of the

Mostardini Model MAS-MP2 Area Measuring Instrument

submitted by Fraho & Sons Pty Ltd
PO Box 118
Galston NSW 2159

has been cancelled in respect of new instruments as from 1 June 2002.

Signed by a person authorised under Regulation 60
of the National Measurement Regulations 1999 to
exercise the powers and functions of the Commission
under this Regulation.

National Standards Commission



Certificate of Approval

No 2/1/8A

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

Mostardini Model MAS-MP2 Area Measuring Instrument

submitted by Fraho & Sons Pty Ltd
 PO Box 118
 Galston NSW 2159.

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This Certificate is issued upon completion of a review of NSC approval No2/1/8.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 April 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No2/1/8A and only by persons authorised by the submitter.

.../2

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 18 March 1996

- A Mostardini model MAS-MP2 area measuring instrument for measuring the area of opaque sheets of leather of up to 999 dm².

Technical Schedule No 2/1/8A describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 2/1/8A dated 1 August 1997
Technical Schedule No 2/1/8A dated 1 August 1997 (incl. Test Procedure)
Figures 1 and 2 dated 1 August 1997

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

National Standards Commission

TECHNICAL SCHEDULE No 2/1/8A

Pattern: Mostardini Model MAS-MP2 Area Measuring Instrument.

Submittor: Fraho & Sons Pty Ltd
PO Box 118
Galston NSW 2159.

1. Description of Pattern

The Mostardini model MAS-MP2 (Figures 1 and 2) is an instrument for measuring the area of opaque sheets of leather.

1.1 Measuring System

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

1.2 Operation/Construction

The leather is placed on a conveyor which passes it, at one of two speeds, between a fluorescent light source and a row of photoelectric cells. The area is displayed in dm² on a visual display unit.

1.3 Measuring Surface

The dimensions of the instrument may be in any of the combinations marked X in the following table:

	Length (mm)				
	2750	3750	4500	5000	5500
Scan Width (mm)					
1600	X	X			
2200		X	X	X	
3200					X

1.4 Test Facilities

The visual display unit is provided with test facilities in a menu form.

1.5 Stamper

Instruments may stamp the leather with the area determined.

1.6 Printer

Instruments may be provided with a ticket printer (Figure 2) to provide a printout of the areas of individual sheets, and also a printout of the total of a number of measurements.

1.7 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's mark, or name written in full	
Serial number of the instrument	
Pattern approval mark for the instrument	NSC No 2/1/8A
Maximum area dm ²
Minimum area dm ²
Scale interval dm ²

In addition, the indicator on the rear of the light source shall be marked
THIS INDICATOR NOT FOR TRADE USE.

1.8 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

1.9 Sealing Provision

Provision is made for the calibration adjustments to be sealed by means of a sealed cover over the dip-switch, or similar method.

TEST PROCEDURE

Instruments should be tested in accordance with any relevant tests specified in the Inspector's Handbook.

Instruments shall be tested for single-measurement error and mean error.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors applied during a verification/certification test are:

(a) Single-measurement error

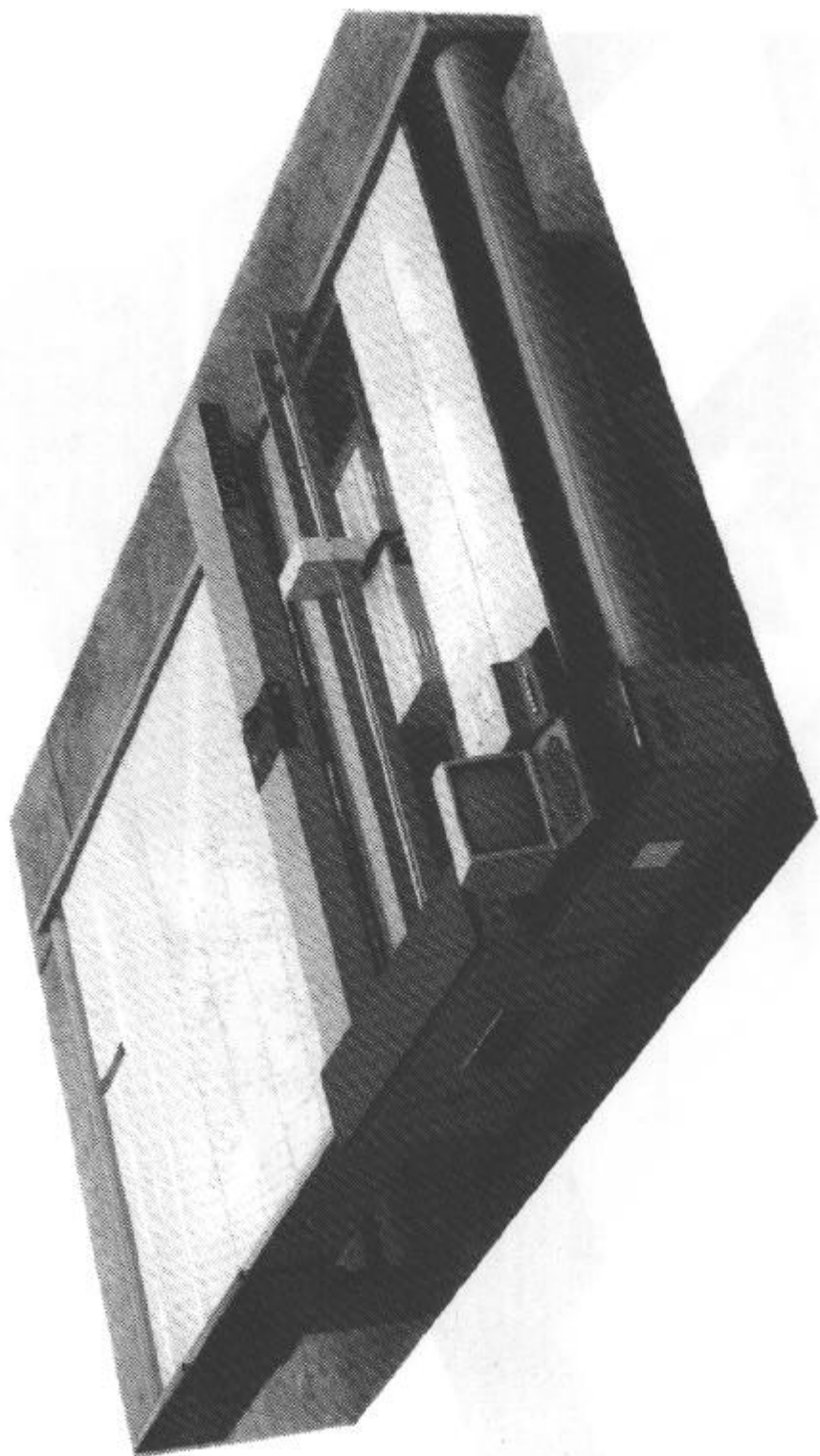
$\pm 1 \text{ dm}^2$ for templates not exceeding 25 dm^2 ; and
 $\pm(1 \text{ dm}^2 + 1 \text{ dm}^2$ for each additional 50 dm^2 or part thereof) for templates exceeding 25 dm^2 .

(b) Mean error

The mean of 20 measurements shall not differ from the denominated value of the template by more than one-half of the maximum permissible error specified in (a) above.

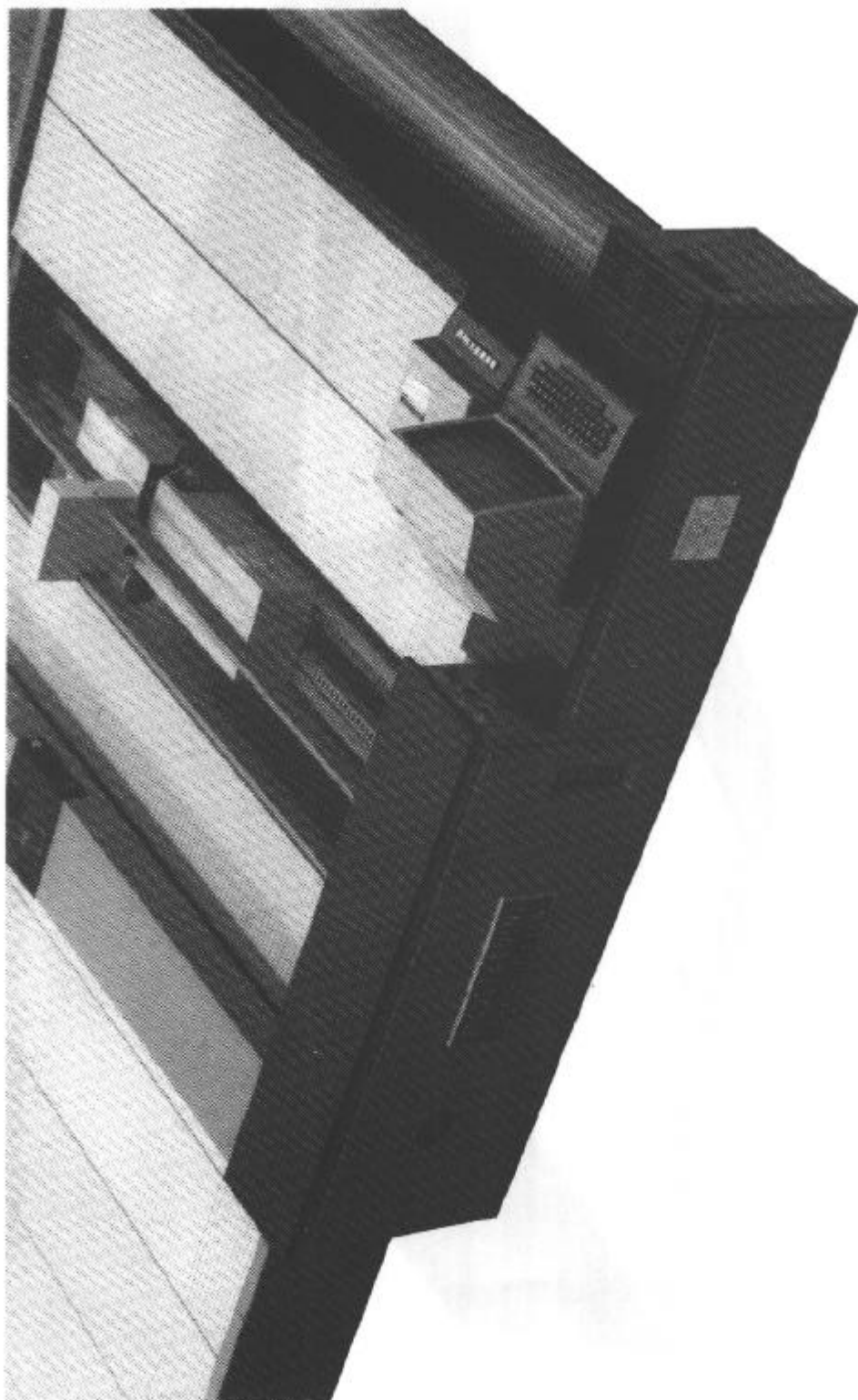
Note: The test templates shall have values which are an integral number of square decimetres (dm^2).

FIGURE 2/1/8A - 1



Mostardini Model MAS-MP2 Area Measuring Instrument

FIGURE 2/1/8A - 2



Showing VDU, Stamper, etc.