

2/1/7
22/4/87



NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 2/1/7

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

Acme Model 509B Area Measuring Instrument

submitted by Kneller and Kahn Pty Ltd
14 Underwood Street
BOTANY NSW 2019.

Conditions of Approval

This approval is subject to review on or after 1/10/91.

This approval expires in respect of new instruments on 1/10/92.

Instruments purporting to comply with this approval shall be marked NSC No 2/1/7.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 3/9/86

- . An instrument for measuring the area of opaque sheets of leather of up to 999.9 cm².

Technical Schedule No 2/1/7 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 2/1/7 dated 22/4/87
Technical Schedule No 2/1/7 dated 22/4/87
Test Procedure No 2/1/7 dated 22/4/87
Figure 1 dated 22/4/87



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 2/1/7

Pattern: Acme Model 509B Area Measuring Instrument

Submitter: Kneller and Kahn Pty Ltd
14 Underwood Street
BOTANY NSW 2019

1. Description of Pattern

The pattern (Figure 1) is an instrument for measuring the area of opaque sheets of leather. It is comprised of a stationary bank of light sources and light sensors through which the hide is passed by rollers and a conveyor. An idler roller is driven by the conveyor to produce the drive for the pulse unit used to determine intervals of length which are integrated with the output of the light sensors (intervals of width) to give the measured area.

1.1 Test Switches

1.1.1 Sensor Test

By setting the switch marked NORMAL and TEST to the test position and momentarily pressing the switch marked TEST the indicator should display 0.7 to denote that all sensors are working.

1.1.2 Segment Test

The digital display segments may be tested by using the two switches provided. One switch is for all segments active, the other is for all segments blank.

1.2 Skin Count

This feature is used in conjunction with the presetting skin count device. The indicator marked SKIN COUNT displays the number of skins remaining in the original preset amount.

1.3 Cancelling

If there is a need to exclude a skin from the skins being counted, pressing the cancel button will cause the SKIN COUNT indicator to ignore that skin.

1.4 Markings

Instruments are marked with the following data:

Manufacturer's name or mark	
Serial number	
Year of manufacture	
NSC approval number	NSC No 2/1/7
Maximum area	999.9 dm ²
Minimum area	10.0 dm ²
Scale interval	0.1 dm ²

1.5 Verification Provision

Provision is made for the application of a verification mark.

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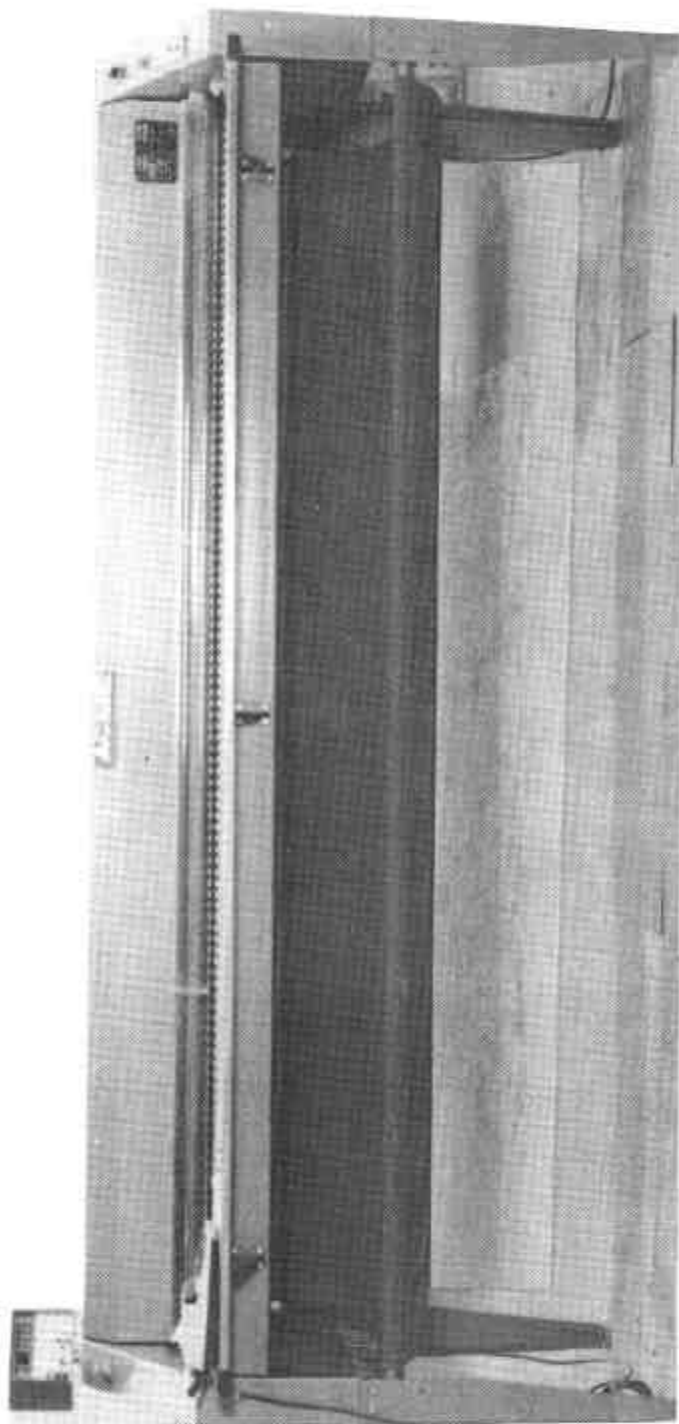
NATIONAL STANDARDS COMMISSION

TEST PROCEDURE No 2/1/7

The maximum permissible errors applicable are set out in Document 118, Second Edition, October 1986.

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FIGURE 2/1/7 - 1



Acme 5098 Area Measurer