

Indian Standard

SPECIFICATION FOR
METRIC SCALES FOR GENERAL PURPOSES

0. FORWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 28 October 1970, after the draft finalized by the Optical and Mathematical Instruments Sectional Committee had been approved by the Mechanical Engineering Division Council.

0.2 This Standard was first published in 1960 and has now been revised for metricization due to complete changeover to metric system in India.

0.3 This standard recognizes wooden scales of denominations 10, 15, 20, 30, 50 and 100 em and plastic scales of denominations 10, 15, 20 and 30 cm. Wooden scales of denominations 50 and 100 em may be designed either end measuring or edge measuring. When intended to be used as end measuring, the scales may be designed either foldable or rigid whereas when intended for use as edge measuring, the scales shall be designed rigid only. The type of scale required should, therefore, be indicated clearly in the enquiry or order.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS: 2-1960. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

I. SCOPE

1.1 This standard prescribes the requirements for rigid and foldable metric scales, made of wood or plastic materials, for general purposes. It, covers end measuring as well as edge measuring scales.