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МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Photography — Overhead projectors —

Part 1:
Projection stages — Dimensions

Photographie — Rétroprojecteurs —

Partie 1: Plages de travail — Dimensions

Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 7943-1 was prepared by Technical Committee ISO/TC 42, *Photography*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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Photography — Overhead projectors —

Part 1 :
Projection stages — Dimensions

0 Introduction

ISO 7943 consists of the following parts;

Part 1 : Projection stages — Dimensions.

Part 2 : Transparencies and transparency frames — Dimensions.

Part 3 : Film rolls, cores and winders — Dimensions.

The overhead projectors covered by ISO 7943 are the types most commonly used for educational and training purposes. Specialized equipment for the projection of, for example, radiographic plates is not dealt with in ISO 7943.

1 Scope and field of application

This part of ISO 7943 specifies the dimensions of projection stages and location pins for overhead projectors in order to ensure compatibility between the projectors and their transparencies.

Two types of overhead projector are specified in this part of ISO 7943, i.e. type A (250 mm × 250 mm) and type B (285 mm × 285 mm), the significant difference between them being the size of the picture area.

2 Definitions

For the purpose of this part of ISO 7943 the following definitions apply.

2.1 projection stage : The working surface on an overhead projector where transparencies or other material are placed for projection.

2.2 clear area : That part of the projection stage which presents no obstruction to a framed transparency (see ISO 7943-2) or a film roll (see ISO 7943-3).

2.3 object plane : That part of the surface of the projection stage on which transparencies are placed for projection.

2.4 picture area : That part of the projection stage from which an image is projected (see figure 1).

2.5 location pins : Pins situated on the projection stage for positioning transparencies in the picture area.

2.6 projection stage aperture : An aperture in the projection stage which determines the boundary of the light beam to the picture area.