

DIN ISO 3310-1



ICS 19.120

Supersedes
DIN ISO 3310-1:2001-09

**Test sieves –
Technical requirements and testing –
Part 1: Test sieves of metal wire cloth (ISO 3310-1:2016),
English translation of DIN ISO 3310-1:2017-11**

Analysensiebe –
Technische Anforderungen und Prüfung –
Teil 1: Analysensiebe mit Metalldrahtgewebe (ISO 3310-1:2016),
Englische Übersetzung von DIN ISO 3310-1:2017-11

Tamis de contrôle –
Exigences techniques et vérifications –
Partie 1: Tamis de contrôle en tissus métalliques (ISO 3310-1:2016),
Traduction anglaise de DIN ISO 3310-1:2017-11

Document comprises 20 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

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National foreword

This document (DIN ISO 3310-1:2017) has been prepared by Technical Committee ISO/TC 24 “Particle characterization including sieving”, Subcommittee SC 8 “Test sieves, sieving and industrial screens” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-11-41 AA “Sieving and sieves (national Mirror Committee to ISO/TC 24 and ISO/TC 24/SC 8)”.

DIN ISO 3310 consists of the following parts, under the general title *Test sieves — Technical requirements and testing*:

- *Part 1: Test sieves of metal wire cloth*
- *Part 2: Test sieves of perforated metal plate*
- *Part 3: Test sieves of electroformed sheets*

This document includes a national footnote in 5.2.

The ISO Standards referred to in this document have been published as DIN ISO Standards.

Amendments

This standard differs from DIN ISO 3310-1:2001-09 as follows:

- a) “tolerance” has been replaced by “permissible error” throughout the document;
- b) in Clause 3, the test sieve has been defined as a measuring instrument;
- c) in Tables 1 and 2, the permissible errors for aperture sizes $\pm Y$, $+X$, and σ_0 have been brought in line with the state of the art (Equations 1 to 3);
- d) in 5.1.1.4, it has been added that the calculation is based on an “truncated normal distribution”;
- e) in Table 5, the values for the test sieve have been corrected;
- f) Annexes A and B have been adapted;
- g) the standard has been editorially revised.

Previous editions

DIN 1171: 1926-10

DIN 1171-1: 1934-03

DIN 1171-2: 1934-03

DIN 4188-1: 1957-02, 1969-04, 1977-10

DIN 4188-2: 1962-06, 1977-10

DIN ISO 3310-1: 1992-02, 2001-09