

JIS

JAPANESE INDUSTRIAL STANDARD

Watches and clocks — Accuracy indication

JIS B 7025—1995

Translated and Published

by

Japanese Standards Association

**In the event of any doubt arising,
the original Standard in Japanese is to be final authority**

Errata for JIS (English edition) are printed in *Standardization Journal*, published monthly by the Japanese Standards Association.

Errata will be provided upon request, please contact:

**Business Department,
Japanese Standards Association**
4-1-24, Akasaka, Minato-ku,
Tokyo, JAPAN 107
TEL. 03-3583-8002
FAX. 03-3583-0462

Errata are also provided to subscribers of JIS (English edition) in *Monthly Information*.



Documents
Document Sharing Hub

JAPANESE INDUSTRIAL STANDARD

J I S

Watches and clocks —
Accuracy indication

B 7025-1995

1. Scope This Japanese Industrial Standard applies to quartz watches and clocks, and specifies the test methods of accuracy, calculation of accuracy and the relation between the calculated value of accuracy and indicated accuracy, when the time accuracy is indicated.

- Remarks
1. The quartz watches and clocks mean the watches and clocks using the quartz oscillators as the movements.
 2. This Standard is not applicable to the following watches and clocks.
 - (1) Those of specific uses such as the clocks for aircraft · for ships · for land vehicles, clocks for particular installations, and the like.
 - (2) The watches and clocks assembled with other products.
 - (3) The watches and clocks whose time is regulated by the standard frequency broadcast.
 3. The cited standard in this Standard is given in the following:
JIS B 7001 Watches and clocks — Test methods

2. Definitions For the purposes of this Standard, the definitions given in JIS B 7001 and the following definitions apply.

- (1) monthly rate The cumulated value of the gain and loss throughout a month.
- (2) annual rate The cumulated value of the gain and loss throughout a year.
- (3) aging Variation in accuracy with passage of time.
- (4) average monthly rate The mean value of the monthly rate measured throughout one year.

3. Test methods

3.1 Test conditions in general The test conditions in general shall be in accordance with the following:

- (1) The accuracy of the measuring device of state or rate shall be 0.01 s/d or under in the case of the watches and clocks with monthly rate indication, and be 0.001 s/d or under in the case of those with annual rate indication.
- (2) The measuring position shall be of an arbitrary one on each test.
- (3) Temperature test shall be carried out after aging test in order to avoid influence of the temperature test to the initial stage of the aging test.