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МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Urine collection bags —

Part 2:
Determination of dimensions

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Poches de recueil d'urine —

Partie 2: Détermination des dimensions

ISO 8669-2:1988
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Reference number
ISO 8669-2 : 1988 (E)

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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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.

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International Standard ISO 8669-2 was prepared by Technical Committee ISO/TC 173, *Technical systems and aids for disabled or handicapped persons.*

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Urine collection bags —

Part 2:
Determination of dimensions

1 Scope and field of application

This part of ISO 8669 specifies methods for determining the dimensions of urine collection bags. The purpose is to measure dimensions related to the end use of the products.

Dimensions given in this International Standard are for identification purposes only and do not individually or collectively define or recommend a product of a specific design, style or size.

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2 References

ISO 291, *Plastics — Standard atmospheres for conditioning and testing.*

ISO 8669-1, *Urine collection bags — Part 1: Vocabulary.*

3 Definitions

For the purposes of this part of ISO 8669, the definitions given in ISO 8669-1 apply.

4 Principle

Measurement of the empty bag and recording of the dimensions.

5 Apparatus

Appropriate measuring instruments, capable of measuring in steps of 1 mm and 0,1 mm.

6 Atmosphere for testing

Measurements shall be carried out in test atmosphere 23 as specified in ISO 291.

7 Procedure

7.1 Connector

Measure the inside diameter of the opening of the connector to the nearest 0,5 mm (dimension d_1 shown in figure 1).

7.2 Inlet tubing, including drip chamber, air vent, sampling site, etc.

7.2.1 Measure the length of the inlet tubing from the tip of the connector to the uppermost part of the bag perimeter weld to the nearest 10 mm (dimension l_1 shown in figure 2).

7.2.2 Measure the length of the inlet tubing from the tip of the connector to the uppermost part of the attachment point to the nearest 10 mm (dimension l_2 shown in figure 2).

7.2.3 Determine where the smallest inside diameter exists in the inlet fluid pathway, which includes inlet tubing, connector drip chamber, air vent and sampling site. Measure this internal diameter to the nearest 0,5 mm (dimension d_2 shown in figure 2).

7.3 Distance between attachment points

Measure the distance between the geometric centres of the attachment points to the nearest 1 mm (dimension l_3 shown in figure 2).

7.4 Bag length

Close the drainage tap and, if appropriate, set it in the folded position. Measure the distance between the top of the urine bag and the lowest part of the urine bag assembly to the nearest 10 mm (dimension l_4 shown in figure 2).

8 Test report

The test report shall include the following information:

a) reference to this part of ISO 8669;

b) the identity of the bag tested;

c) the inside diameter of the opening of the connector (if applicable), d_1, reported to the nearest 0,5 mm;

d) the inlet tubing length from the tip of the connector to the uppermost part of the bag, l_1, reported to the nearest 10 mm;

e) the inlet tubing length from the tip of the connector to the uppermost part of the attachment point, l_2, reported to the nearest 10 mm;

f) the smallest inside diameter of the inlet fluid pathway, d_2, reported to the nearest 0,5 mm;

g) the distance between the attachment points, l_3, reported to the nearest 1 mm;

h) the bag length, l_4, reported to the nearest 10 mm;

i) the date and place of testing.

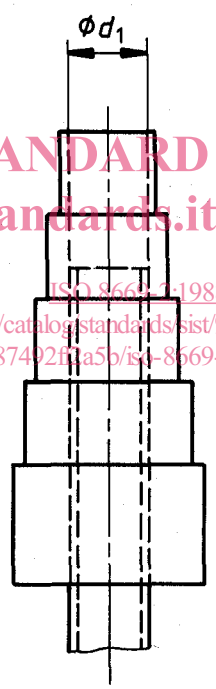

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Figure 1 — Internal diameter of a connector (example)

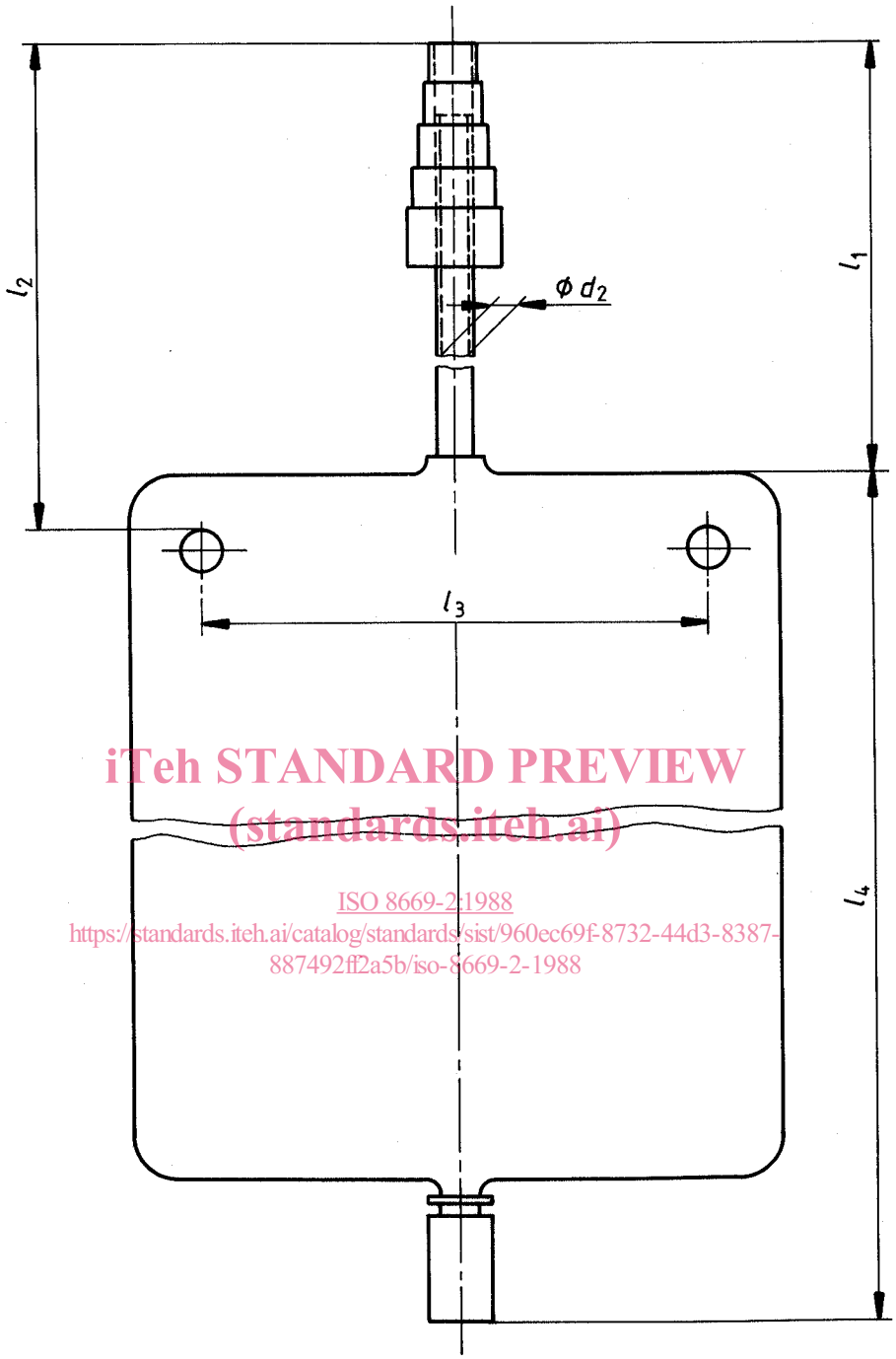

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Figure 2 — Different dimensions of a urine collection bag (example)

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