OIML Certification System	CMI	V 3112

OIML Member State	**OIML Certificate No.**
Czech Republic	R76/2006-A-CZ1-25.03

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority

Name: Czech Metrology Institute
Address: Okružní 31, 638 00 Brno, Czech Republic
Person responsible: Jan Kalandra

Applicant

Name: TUYLEK S.L.
Address: Carrer de la Pujada Nº19
08340 Vilassar de Mar, Barcelona
Spain

Manufacturer

Name: TUYLEK S.L.
Address: Carrer de la Pujada Nº19
08340 Vilassar de Mar, Barcelona
Spain

Identification of the certified type *(the detailed characteristics will be defined in the additional pages)*

Non-automatic weighing instruments
type: KEITO K10, KEITO K10T

Designation of the module *(if applicable)*

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This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R 76 Edition (year): 2006

For accuracy class: III

Český metrologický institut -3-

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated.

Test report No. 6012-PT-R0047-25 dated 3.10.2025 that includes 51 pages.
Test report No. 8551-PT-E0031-25 dated 17.7.2025 that includes 37 pages.

OIML type evaluation report:

No. 0511-ER-N099-24 dated 3 October 2025 that includes 11 pages

The technical documentation relating to the identified type is contained in documentation file:

0511-UL-N099-24

OIML Certificate History

Revision No.	Date	Description of the modification
-	9 October 2025	Issuing of certificate

The OIML Issuing Authority
RNDr. Pavel Klenovský
Director of Certification Body

Date: 9 October 2025

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

1 Characteristics of the instrument

It is a non-automatic weighing instrument accuracy class III, intended for use in health services for weighing and monitoring patients. The instrument is designed as a self-indicating, single-range personal scale. The instrument has also other functions then weighing, blood pressure monitoring, measurement of tall, BMI calculation, … these functions are not covered by this type approval. There are two models of scale K10 and K10T only different is in the display. The weighing functions are the same.

Figure 1 Weighing instrument K10, K10T

Main metrological characteristics

Max	150 kg
n	750
e	0,2 kg
Accuracy class	III
Single range	
Temperature range	+ 5°C to + 40°C

2 Main parts

2.1 Assembly drawing

The mechanical assembly is described in manual.

Dimensions (approximate):
H x W x L: 220 x 50 x 59 mm

2.2 Load cell

Manufacturer	Type	E_{max}
Utilcell	M270 – C3	200 kg

2.3 Printer

The scale is equipped with a simple printer with one-sided communication that interprets the measurement results. In addition to the weight, other biometric data is also listed on the ticket. These data were not subject to certification.

3 Main characteristic and functions

- Indication stabilization device
- automatic zero setting
- zero tracking
- zero indication

3.1 Automatic zero setting

- up to 2% Max

3.2 Tare equipment

- no tare equipment

3.3 Overload

At overload over 9e, the indicator displays "Err".

3.4 Slope angle (Tilting)

If the slope angle is bigger than 1,5°, the indicator stop indication.

3.5 Body weighing and special zero function.

The scale can indicate the initial zero and its stability. This function is available under sealing and can be activated by the manufacturer at the customer's request before the scale is put on the market.

This indication is used to verify that the initial or automatic zero setting has been performed correctly. This function is active in the range from 0 kg to 2 kg. At higher loads, the user weighing mode starts automatically.

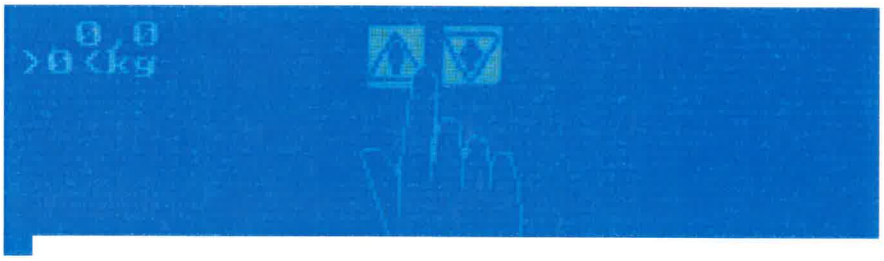

Figure 2 Check initial zero

Body weight function
The scale is designed not only for measuring weight, but also for other body functions. The scale prompts the user to weigh themselves with voice commands. During weighing, the weight value is not displayed. After weighing is complete and a stable value is reached, the resulting weight is displayed and printed at the same time.

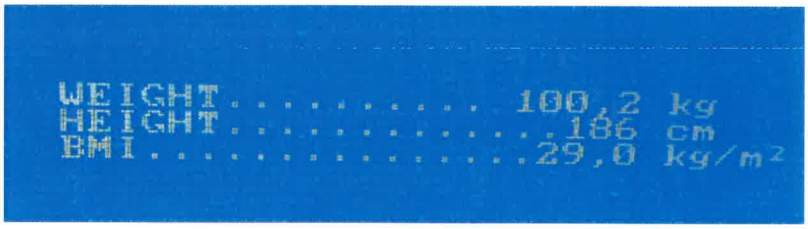

Figure 3 Example of weight indication.

4 Interface
The Scale has no user interfaces.

5 Software
The scales are equipped with embedded software, and it cannot be modified or uploaded without breaking the seal.

5.1 Software identification
After turning on the Software identification occurs. The software version is 17.7

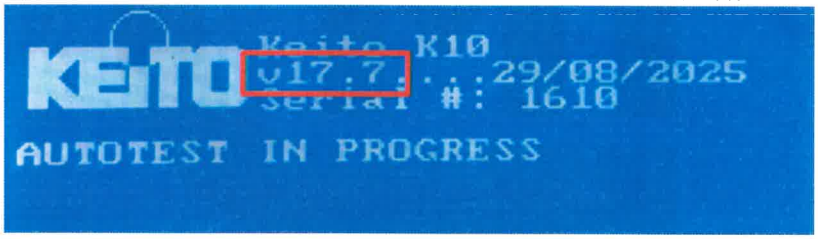

Figure 4 Software version identification.

6 Securing components and verification marks
Adjustment or changing weighing parameters is possible only with special programming tool, which need to be connected to the main board. Access to main board is physically protected by destructive label.

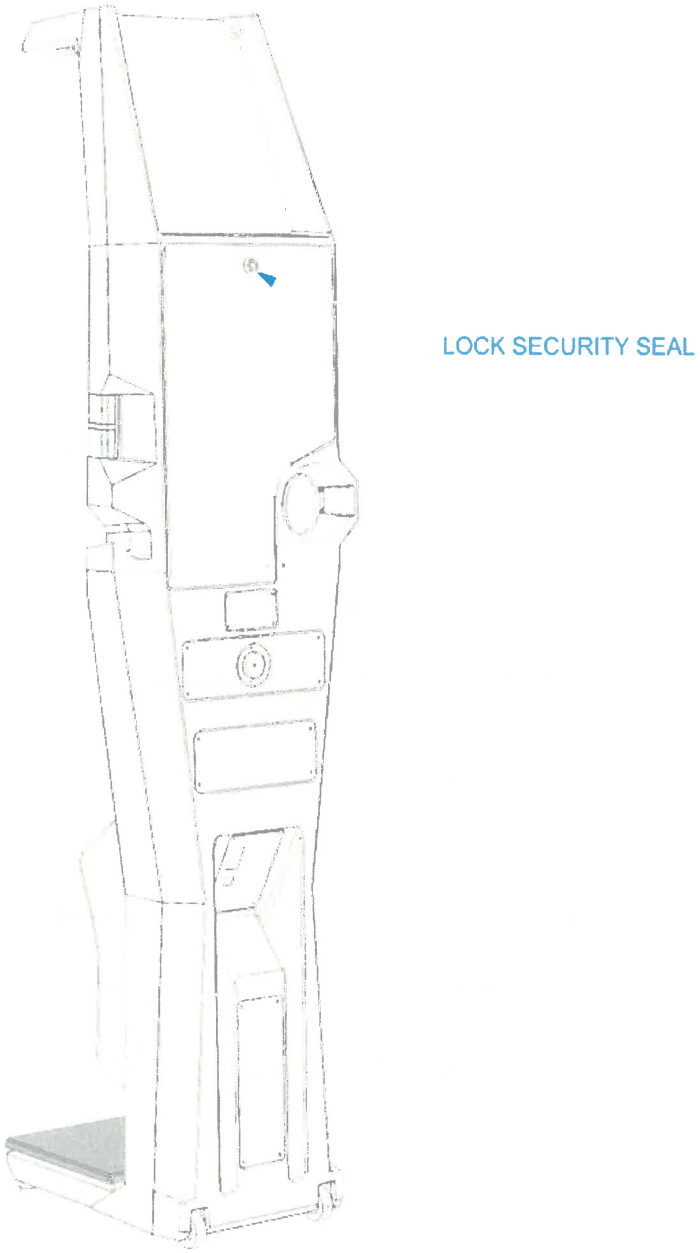

Figure 5 Screws for opening housing – protective label

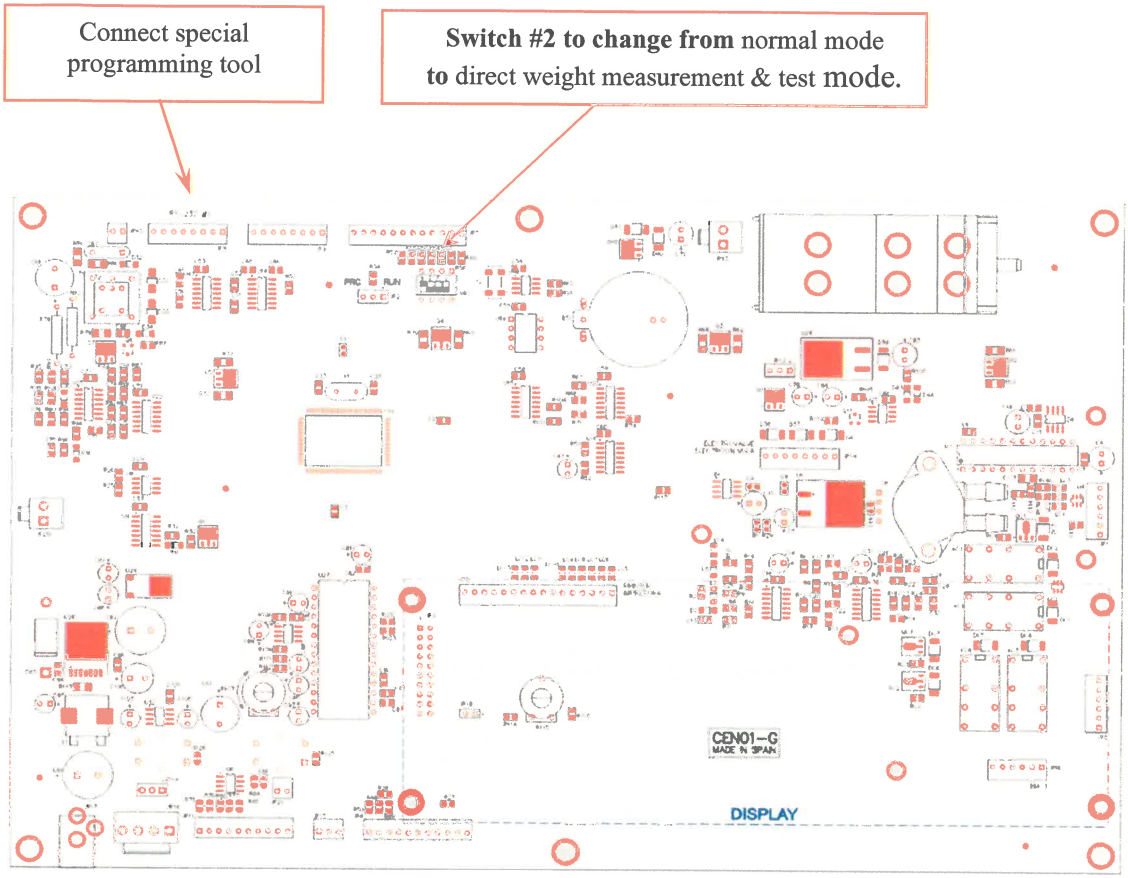

Figure 6 The Main board covered with housing and protected by sealed screw