

CERTIFICAT OIML DE CONFORMITE

OIML CERTIFICATE OF CONFORMITY

N° R21/2007-FR02-2017/03

Autorité de délivrance

Issuing authority

: Laboratoire National de Métrologie et d'Essais

Personne responsable (Person responsible) : Thomas LOMMATZSCH

Demandeur

Applicant

: INTERFACOM SAU - Calle Perù, 104

SPAIN 08018 BARCELONA

Fabricant

Manufacturer

: INTERFACOM SAU Calle Perù, 104

ESP 08018 BARCELONA

Identification du type certifié

: taximeter INTERFACOM TX 40

Identification of the certified pattern

Caractéristiques

Characteristics

: the main characteristics of the instrument are mentioned in annex.

Ce certificat atteste la conformité du modèle mentionné ci-dessus (représenté par les échantillons identifiés dans les rapports d'essais associés) aux exigences de la Recommandation suivante de l'Organisation Internationale de Métrologie Légale – OIML) :

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test reports with the requirements of the following Recommendation of the International Organization of Legal Metrology – OIML) :

OIML R 21 : 2007

Ce certificat s'applique uniquement aux caractéristiques métrologiques et techniques du modèle d'instrument concerné, telles que couvertes par la Recommandation Internationale applicable. Ce certificat ne constitue en rien une approbation internationale à caractère légal. Note importante : à part la mention du numéro de référence du certificat avec le nom de l'Etat Membre de l'OIML dans lequel le certificat a été délivré, une reproduction partielle du certificat ou des rapports d'essais associés n'est pas autorisée, mais ils peuvent être reproduits dans leur totalité.

This certificate relates only to the metrological and technical characteristics of the pattern for the concerned instrument, as covered by the relevant OIML International Recommendation. This certificate does not bestow any form of legal international approval. Important note : Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or the associated test report is not permitted, though they may be reproduced in full.

Les principales caractéristiques figurent dans l'annexe ci-jointe qui fait partie intégrante du certificat OIML de conformité et comprend 5 page(s).

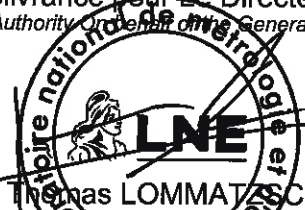
The principal characteristics are set out in the appendix hereto, which forms part of the OIML certificate of conformity and consists of 5 page(s).

Etabli le 24 novembre 2017

Issued on November 24th, 2017

Autorité de délivrance pour Le Directeur Général

Issuing Authority / Ordre for the General Director



Thomas LOMMATZSCH

Responsable du Pôle Certification
Measuring Instruments Division Manager



Référence LNE-33716 rév. n° 0

Laboratoire national de métrologie et d'essais

Établissement public à caractère industriel et commercial • Siège social : 1, rue Gaston Boissier - 75724 Paris Cedex 15 • Tél. : 01 40 43 37 00
Fax : 01 40 43 37 37 • E-mail : info@lne.fr • Internet : www.lne.fr • Siret : 313 320 244 00012 • NAF : 743 B • TVA : FR 92 313 320 244
Barclays Paris Centrale IBAN : FR76 3058 8600 0149 7267 4010 170 BIC : BARCFRPP

Annex to OIML CERTIFICATE N° R 21/2007 – FR2 – 2017/03 - Revision 0

Historical

Certificate number	Revision	Object
R21/2007 – FR2 – 2017/03	0	- Initial

Description

The taximeter TAXITRONIC type TX40 indicates at any moment the operation position, the price paid by users depending on the fixed initial hire fee, the distance covered and how long the vehicle is engaged.

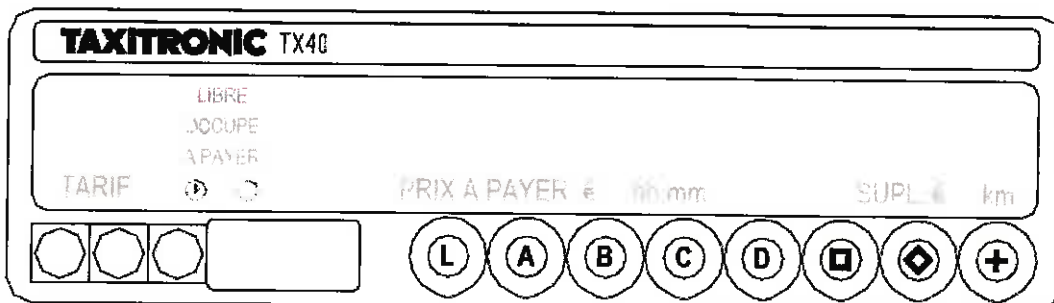


Characteristics

Voltage supply	8 – 30 V
Range of the k constant of the device	500 80 000 imp/km
Mechanical environment class	M3
Electromagnetic environment class	E3
Range of the k constant of the device	-25°C / 70°C

The taximeter TAXITRONIC type TX40 is equipped with a 8 buttons keyboard.

L or 0	Free button
A or 1	Button A or 1 (tariff)
B or 2	Button B or 2 (tariff)
C or 3	Button C or 3 (tariff)
D or 4	Button D or 4 (tariff)
□	Stopped
◇	Extras
+	Add



Activation / Desactivation

The taximeter, depending on its installation, can be activated or desactivated automatically or manually by pressing softly one button.

The activation or desactivation shall be done in accordance with the national regulations.

Operation

1. Starting

Press the button L for starting the device.

If an access code is programmed, the second point of the state display will flash to indicate that the access code is requested.


After introducing the correct access code, or where it has not been necessary, the taximeter is put on.

2. Conduct of a journey

2.1. Beginning of a journey

Press on the button A, B, C or D corresponding to the applicable tariff.


2.2. Introduction of supplements in "Hired" position

Press the button . The text « Hired » will flash.

Introduce the value of the supplements corresponding by pressing the button A, B, C or D.

To exit the sequence of supplements, press on the button .

2.3. Sequence in "Stopped" position

Press the button .

2.4. Printing of the ticket


Press the button L. The state display will flash during 10 seconds roughly.

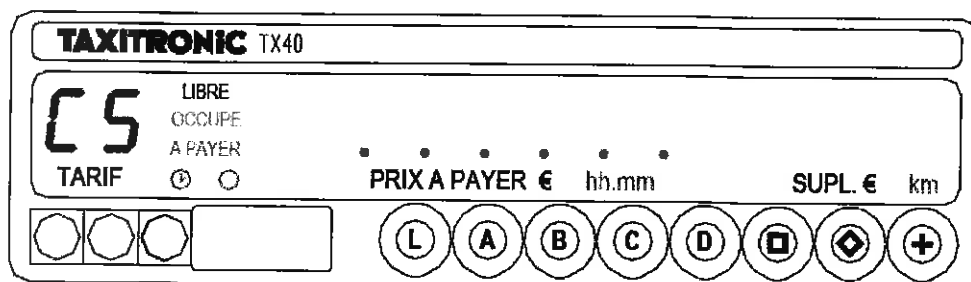
Press the button + when the state display flash. After 10 seconds, the device prints the ticket corresponding to the journey.

2.5. Return to "For Hire" position

Press the button L.

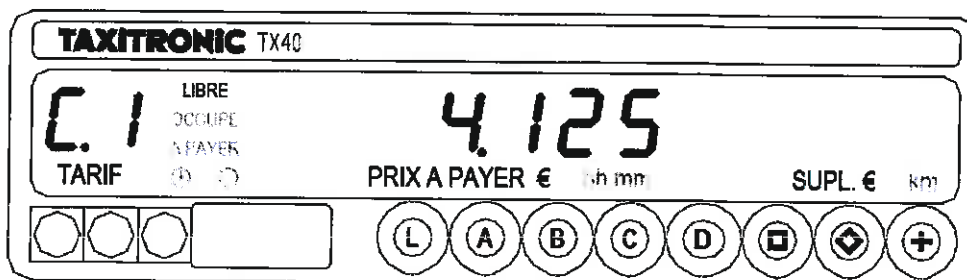
3. Other functions

The visualization of the control blocks (k constant , etc...) is done by pressing the buttons "+" and . The points of the screen « Stopped » are enlightened in order to select the special desired function.



Annex to OIML CERTIFICATE N° R 21/2007 – FR2 – 2017/03 - Revision 0

For example, for the visualization of the programmed K constant (C 1), C 1 shall be selected by pressing the button or waiting the automatical temporization.



4. Totalisers

In position « For Hire », press the button .

The taximeter displays the identification character of the first totaliser (1=Number of journeys performed). Press the button « + » to print the totalisers. Press another time the same button or wait for the end of the time for the visualization of the value of the totaliser.

The different totalisers accumulated are displayed by pressing successively the button .

The return in position « For Hire » is done by pressing successively the button L.

Interfaces and compatibility

The taximeter type TX40 can be connected to an external printer. This printer is out of the scope of the present certificate.

The printer of the taximeter type TX40 can be shared with other external devices linked via an external box connected in the RS232 connector of the taximeter. This external box is out of the scope of the present certificate.

Error messages

In case of failure, an error message is displayed. The existing errors messages are presented in the list below :

- Error 2 : Light error (E-2)
- Error 3 : Error of the distance detection system (E-3)
- Error 4 : Error of the calendar-clock (E-4)
- Error 5 : Taximeter with an exceeded date of subsequent verification (E-5)
- Error 6 : Over speed (E-6)
- Error 7 : Exceeded work time (E-7)
- Error 8 : Damaged tariff data (E-8)
- Error 9 : Software error requiring a return to the manufacturer (E-9)
- Error 10 : Printer error (E-10)
- Error A : Speed signal fraud detection (E-A)



Particular conditions of verification

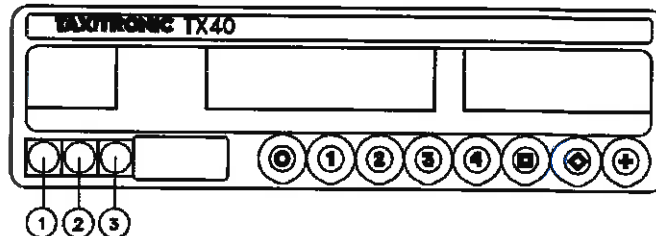
The modalities of verification of the taximeter TAXITRONIC type TX40 shall be done in accordance with the national regulations.

Particular conditions of installation

The modalities of installation of the taximeter TAXITRONIC type TX40 shall be done in accordance with the national regulations.

Securing and sealing

The mechanical seals are unrealized via plastic or stickers seals on the sides of the taximeter, prohibiting the access to the different screws.



- Seal Nr. 1 : Seal of the taximeter box prohibiting the access to the PCB (sticker affixed by the manufacturer, destroyed if removal is attempted).
- Seal Nr. 2 : Seal of the connector protecting the program and the wiring of the taximeter (plastic seal or screw + wire seal + plastic seal).
- Seal Nr. 3 : Seal of the connector protecting the tariff loading connector and the program of the taximeter (plastic seal or screw + wire seal + plastic seal).



Software

- Software version : 3.10 ;
- Checksum : A29F ;
- Reference to the documentation submitted for type examination : P176453-1 ;
- Overview of the software environment : dedicated software ;
- Overview of SW modules under legal control : Complete software ;
- Identification and description of the electronic (hardware) parts : STR710 Microprocessor ;
- Identification and description of locations of software parts : PCB including the STR710 Microprocessor ;
- Instructions of how to check the identification of software (for metrological supervision) : In order to display those legal parameters, press 2 times the buttons + et \diamond . The visualization is done after a delay or by pressing the button

All other values different than the ones mentioned above must be considered as a broken seal.