Nederlands Meetinstituut

Draft
EC-type examination
certificate

Number **T10xxx** revision 0
Project number 607282
Page 1 of 1

Issued by	NMi Certin B.V. Hugo de Grootplein 1 3314 EG Dordrecht The Netherlands Notified Body number 0122
In accordance with	The Metrologiewet (Stb. 2006, 137) as Dutch implementation of Directive 2004/22/EC on measuring instruments (MID).
Manufacturer	Italtax s.r.l. Zona Industriale S. Maria in Potenza 62017 Portorecanati (MC) Italy
In respect of	A model of an **electronic taximeter**. Manufacturers name or mark: Italtax or Digitax Type : F3
Characteristics	Mechanical environment class M3 Electromagnetic environment class E3 Temperature range -25 °C / +55 °C In the description number T10xxx revision 0 further characteristics are described.
Valid until	30 October 2016
Description and documentation	The taximeter is described in the description number T10xxx revision 0 and documented in the documentation folder number T10xxx-1, appertaining to this EC type-examination certificate.

Dordrecht, 30 October 2006
NMi Certin B.V.

Ing. C. Oosterman
Manager Product Certification

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see "Regulation objection and appeal against decisions of NMi")

INSPECTION
RvA I 122

1   General information about the taximeter

All properties of the automatic catchweighing instrument, whether mentioned or not, may not be in conflict with the legislation.

1.1   Essential parts

Description	Drawing number	Rev.	Remarks
Block diagram	F3 Block diagram	--	
Exploded view	F3 Exploded View	--	
Component layout Parts list	F3 Component layout Component List	-- --	2 pages

1.2   Essential characteristics

Power supply   :   12 V DC.

Range of device constant   : $k = 500$ km^{-1} to 65535 km^{-1};
Resolution of device constant   :   1 km^{-1};

Range of time tariff   :   0.10 [1]CU/h to 6553.50 CU/h;
Resolution of time tariff   :   0.10 CU/h;

Range of distance tariff   :   0.10 CU/km to 6553.50 CU/km;
Resolution of distance tariff   :   0.10 CU/km;

Time measuring signal frequency   :   1 Hz

Recalling device constant:
From "For hire": press K2 and K3 simultaneously.

Recalling the non-resettable counter over the device constant:
From "For hire" with button K2 (hold for 2 s) to "E-SEAL" with the K2 button. Then with K4 button to select the "E-SEAL" menu. Scroll through the menu with K4 and K3 buttons. At "AdJ" (comes automatically after "-End-") the non-resettable counter over the device constant is displayed. This menu can be left by pressing the "OP" key.

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[1] CU = Currency Units
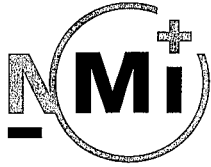
Recalling applied tariffs:
From "For hire" with button K2 (hold for 2 s) to "tAr SH" with the K2 button. Then with K4 button to "Tariff Show" menu. Scroll through the menu with K4 and K3 buttons. At "d1 t1" the time tariff is displayed, at "e1 t1" the distance tariff is displayed.

Recalling the non-resettable counter over the tariffs:
From "For hire" with button K2 (hold for 2 s) to "E-SEAL" with the K2 button. Then with K4 button to select the "E-SEAL" menu. Scroll through the menu with K4 and K3 buttons. At "tAr" the non-resettable counter over the tariffs is displayed. This menu can be left by pressing the "OP" key.

The following devices can be present:
- Display check;
- Calculation mode S (single application of tariff);
- Calculation mode D (double application of tariff);
- Operating position "Measure";
- Totaliser data;
- Long term data storage.

Software specification:

Software version	Identification number (checksum)	Remarks

The software version and identification number will be displayed at start-up / after pressing the key sequence: [???]

1.3 Essential shapes

| Description	Drawing number	Rev.	Remarks
Front view	F3 inscriptions	--	
Sealing	Mechanical Sealing	--	

Markings:
- The markings have to fulfill the requirements stated in the legislation.
- The data plate is fixed to the taximeter and secured against removal by sealing or will be destroyed when removed.

To secure components that may not be dismantled or adjusted by the user, the automatic catchweighing instrument has to be secured in a suitable manner on the locations:
- First stage verification, sealing sticker over screw on backside;
- Second stage verification, see drawing Mechanical sealing, with lead or sticker seal;
- Reverification, see sealing for first and second stage verification.

Form. 500

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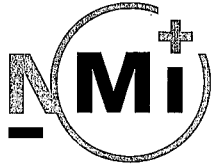
The securing component has to bear either:
- A mark of the manufacturer laid down in an approved quality system by a Notified Body, or;
- A mark of a Notified Body.

1.4 Conditional parts

The taximeter is fitted with an embedded printer.

The taximeter may be fitted with the following interfaces:
- Distance sensor input:
  Low voltage: 0 – 0.3 V
  High voltage: 5 – 12 V
  Trigger: high-low transition

1.5 Conditional characteristics

Cut-off power supply voltage: 8.5 V DC..

1.6 Non-essential parts

The taximeter may be connected to non-essential devices, for example but not limited to card readers, seat sensors and roof lights, provided that:
- They do not present primary data;
- They do not lead to an instrument having other essential characteristics than those fixed by this type-examination document.

2 Approval conditions

See chapter 1.3, essential shapes.

3 Seals and verification marks

See chapter 1.2, essential characteristics and 1.3, essential shapes.