

Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R51/2006-GB1-12.03

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

Applicant: **Digi Europe Ltd
Digi House
Rookwood Way
Haverhill
Suffolk, CB9 8DG
United Kingdom**

Manufacturer: **The applicant**

Identification of the certified pattern: **HI-700 TR**

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

OIML R 51 - Edition 2006(E) for accuracy class Y(a) and XIII(1)

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, 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 certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

Issue Date: 13 November 2012
Reference No: TS0101/0018


Signatory: P R Dixon

The conformity was established by tests and examination described in the associated pattern evaluation report P00951 which includes 12 pages.

Characteristics of the instrument:

This pattern of an automatic catchweigher, designated the HI-700 TR, operates as an automatic weight or weight/price labeller (Category Y) and as an automatic checkweigher (category X).

The instrument comprises a self-indicating and price-computing weighing machine with associated mechanical handling facilities, tray sealing and thermal label printer. It is designed to weigh packs dynamically, at a constant rate of operation.

Construction:

- Stainless steel frame
- Scale conveyor, optional in-feed and out-feed conveyors (any number)
- Tray sealing system with thermal label printer
- Control cabinet mounted in the base of the frame below the scale conveyor, comprising:
 - o LCD display type TFT G150XG01 15.(350CD/M2)
 - o Digi Europe A/D converter type DSP A/D conversion PCB
 - o TDK Lambda power supply unit type LS75 and UPS backup type Pico UPS-100
 - o Commel type LV-67H main board

Devices:

- Initial zero-setting device ($\leq 4\%$ of Max)
- Semi-automatic zero-setting device ($\leq 4\%$ of Max)
- Automatic zero-setting after time interval (≤ 15 min)
- Zero-tracking device
- Preset tare device
- Semi-automatic tare device (subtractive)
- Zero indication
- Calibration not accessible to user
- Price computation
- PLUs

Technical data:

Maximum capacity (Max)	≤ 1500 g
Scale interval (e)	≥ 1 g
Minimum capacity (Min)	≥ 50 g or $20 e$ (whichever is higher) (Class Y) ≥ 50 g (Class X)
Tare (T)	$\leq - 50\%$ Max
Accuracy class	Y(a) and XIII(1)
Max operating rate	Determined at initial verification
Max conveyor speed	≤ 32 m/min
Load cell model	HBM PW15
Load cell capacity	15 kg
Power supply	220 - 250 Vac – 50/60 Hz single phase
Pneumatic pressure	4-6 bars
Climatic environment	0 to 30 °C Non-condensing (closed)
Electromagnetic environments	E1 and E2

Load cell:

The load cell is an HBM PW15, $E_{\max} = 15 \text{ kg}$

Software:

The software version number is 2.xx.xx.xxxx which is displayed during the power-up sequence of the instrument.

Interfaces:

- Ethernet
- USB

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R51/2006-GB1-12.03	13 November 2012	Certificate first issued
-	-	No revisions have been issued.