



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

OIML Certificate No
R51/2006-GB1-10.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory
(Part of National Measurement Office)**
Address: **Stanton Avenue
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United Kingdom**

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

Applicant

Name: **Digi Europe Ltd**
Address: **Digi House
Rookwood Way
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Suffolk, CB9 8DG
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Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

**WIL-700 and WIW-700
(weight/weight-price labeller, checkweigher)**

Further characteristics see page 2

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 Organization of Legal Metrology (OIML):

OIML:	R51
Edition:	2006 (E)
Accuracy classes:	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.

The conformity was established by tests described in the associated:

NWML Test report:	TR 574	having 46 pages
Pattern Evaluation report:	P00353	having 11 pages

Issuing authority



Mr P R Dixon
for NWML

CIML member



Mr P Mason

Date 29 April 2010

Ref: T1108/0061

This pattern of an automatic catchweigher, designated the WIL-700 or WIW-700, operates as an automatic weight or weight/price labeller (Category Y). The instrument may also operate as an automatic checkweigher (category X).

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

The weigher comprises the following components:

- Teraoka main board type TPB 02930 and associated power supply unit type TBT 280
- ADC Power Supply
- DSP A/D conversion PCB

The load cell is a Teraoka type M.

The instrument is provided with the following devices:

- Initial zero-setting device ($\leq 20\%$ max)
- Semi-automatic zero-setting device ($\leq 4\%$ of Max)
- Automatic zero-setting after time interval (≤ 22 min, if no zero tracking occurred during that time)
- Zero-tracking device
- Preset tare device
- Semi-automatic tare device (subtractive)
- Zero indication
- Calibration and setup modes not accessible to the user (access via protected switch on the A/D board)

- Price computation
- PLU
- Internal memory for storage of batch data (category X)
- Device acting upon significant faults
- Screen check at power-up
- Operation under Category X or Y selection device, accessible to the user (if enabled at initial verification)
- Operation in static or dynamic modes accessible to the user (if enabled at initial verification)

The instrument has the following technical characteristics:

Model	WIL-700	WIW-700	WIW-700
Max capacity (Max)	15 kg	30 kg	60 kg
Min capacity (Min)			
Category X, Dynamic:	1500 g	3000 g	6000 g
Category X, Static:	250 g	500 g	1000 g
Category Y:	250 g	500 g	1000 g
Scale interval (e):	5 g	10 g	20 g
Max number of scale intervals (n)	3000		
Tare (T): Categories X and Y	-50% Max		
Load cell E _{max}	45 kg	90 kg	
Operating speed	15 to 24 m/min		
Maximum pack rate	37 packs/min		
Power supply	240 V a.c. 50 Hz		
Accuracy class	XIII(1) and Y(a)		
Climatic environment	0 to +30 °C / Closed, non-condensing		
Label applicator pneumatic pressure	4-6 bar		

The instrument may have the following interfaces:

- USB
- Ethernet

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