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

OIML Certificate No
R76/1992-GB1-07.13

OIML CERTIFICATE OF CONFORMITY

Issuing authority
Name: **National Weights and Measures Laboratory**
Address: **Stanton Avenue**
Teddington
Middlesex
TW11 0JZ
United Kingdom

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

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

Identification of the certified pattern:

Non-automatic weighing instrument formed by connecting the DPS-700 or CM-700 indicator to a weighing platform
Further characteristics see page 2

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R76/1992-GB1-07.13

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:	**R76**
Edition:	**1992 (E)**
Accuracy class:	**III**

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:

Test report:	TR: 525 having 43 pages
Pattern evaluation checklist:	F20333 having 12 pages

The issuing authority

Mr P R Dixon

The CIML member

Mr P Mason

Date: 19 December 2007
Ref: T1127/0016

Characteristics: This instrument utilises either the digital indicating device designated the DPS-700 indicator with optional labeller, or its compact version designated the CM-700, connected to a weighing platform to form a Class III or IIII, mains-powered, self-indicating non-automatic weighing instrument.

Main features:

- Processor and converter unit comprising a Teraoka TPB-2930 CPU and a Teraoka TPB-2786 A/D converter
- Touch screen (colour TFT-LCD module)
- Labeller type Digi DPS 700 thermal printer (optional)
- Metallic supporting frame (DPS-700 only)

Devices:

- Initial zero setting
- Semi-automatic zero setting
- Zero tracking
- Semi-automatic subtractive tare weighing
- Determination of stability of equilibrium
- Indication of stability of equilibrium
- Zero indicator
- PLUs
- Preset tare
- Price calculation

Load cell: Any compatible load cell meeting the conditions specified in 2.2 of Certificate UK/2834

Technical data:

Power supply	100VAC-240VAC, 50 / 60 Hz
Maximum number of scale intervals	6000 (single or multi-interval)
Load cell excitation voltage	10 Vdc
Minimum load cell impedance	345 Ω
Maximum load cell impedance	440 Ω
Minimum input voltage per verification scale interval	0.67 μV
Measuring range minimum voltage	4.48 mV
Measuring range maximum voltage	44.8 mV
Fraction of maximum permissible error	P_{ind} = 0.5
Operating temperature range	-10 °C to + 40 °C
Load cell cable (junction box to indicator)	Maximum length = 3 m