



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

**OIML Certificate No
R76/1992-GB1-07.04**

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: **Charder Electronic Co Ltd**
Address: **103 Kuo Chung Road
Dah Li City
Taichung Hsien
Taiwan**

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

**Charder DP-2400V5, DP-2701, DP-3100, DP-3300 indicating
devices**

Further characteristics see page 2

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

OIML Certificate No R76/1992-GB1-07.04

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.

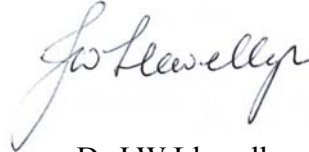
The conformity was established by tests described in the associated test reports: TR: 00510 having 40 pages, SN: 00985 having 5 pages, SN: 000986 having 5 pages, SN: 000987 having 5 pages, and associated pattern evaluation checklist F20237 having 12 pages.

The issuing authority



Mr P R Dixon

The CIML member



Dr J W Llewellyn

Date: 20 March 2006

Ref: T1138/0006

Characteristics: The “Professional” version of the DP-2400V5 Class III indicating device has the following characteristics:

- Initial zero-setting on power up
- Semi-automatic zero-setting
- Zero-tracking
- Semi-automatic tare balancing
- Preset tare
- Eleven dedicated keys, ten numeric keys, LCD with annunciators.

Power supply	9-15 Vdc
Maximum number of scale intervals	6000 (single or multi-interval)
Load cell excitation voltage	5 Vdc
Minimum load cell impedance	195 Ω
Maximum load cell impedance	1200 Ω
Minimum input voltage per verification scale interval	0.83 μ V
Measuring range minimum voltage	0.1 mV
Measuring range maximum voltage	2 mV
Fraction of maximum permissible error	$P_{ind} = 0.5$
Operating temperature range	+5°C to +35°C
Load cell cable (junction box to indicator)	Maximum length = 3 m

“Normal” and “Simple” versions have reduced functionality with fewer keys.

The DP-2701, DP-3100 and DP-3300 versions have the same technical characteristics, but different housings.

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