



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

**OIML Certificate No  
R76/1992-GB1-07.05**

## **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 MS-4100 and MS-4200 person weighers  
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**

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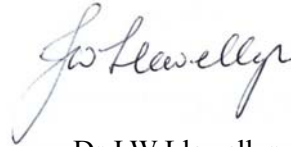
This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

The conformity was established by tests described in the associated test report: SN: 00968 having 47 pages, and associated pattern evaluation checklist G20059 having 12 pages.

The issuing authority

The CIML member

Mr P R Dixon

Dr J W Llewellyn

Date: 23 March 2007

Ref: T1128/0055

Characteristics: The MS-4100 and MS-4200 person weigher non-automatic weighing instruments have the following characteristics:

- LCD fitted into load receptor: 5 digits with zero, net and hold indicators.
- Tare, Hold, and two On/Zero/Off buttons (display orientation depends on which button is pressed).
- Aluminium base enclosure, and plastic load receptor with optional tray for baby weighing.
- Operating temperature range 0°C to +40°C.
- Initial zero setting, semi-automatic zero setting, zero tracking, semi-automatic subtractive tare balancing, hold facility.
- Tedeia 1022 or Tedeia LPS load cell, with capacity shown below.

The different capacity versions are as follows:

Name	Max	e	n	Loadcell capacity
Baby	20 kg	10 g	2000	30 kg / 35 kg
Baby and teenager (dual interval)	50 kg	10 g (0 to 20 kg), and 20 g (20 kg to 50 kg)	2000 2500	75 kg
Baby and teenager	60 kg	20 g	3000	75 kg
Adult 100 kg	100 kg	50 g	2000	100 kg x 2 (in parallel)
Adult 150 kg	150 kg	50 g	3000	100 kg x 2 (in parallel)
Adult 200 kg	200 kg	100 g	2000	150 kg x 2 (in parallel)

The MS-4100 and MS-4200 are identical except for slightly different top covers.

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