

OIML Member State
The Netherlands

Number R76/2006-NL1-13.49
Project number 13200302
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Shanghai Handfree Mechatronic Co., Ltd. 18 th , No. 5018 Shangnan Road Shanghai 200124 Peoples Republic of China
Identification of the certified type	An Indicator Type : HF-L/S, GC-L/S, HC/E-200, PC/E-200
Characteristics	See next page

This Certificate attests the conformity of the above identified Type (represented by the sample(s) identified in the OIML Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

OIML R76-1, Edition 2006 for accuracy class **III**

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified.
This Certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
5 December 2013

C. Oosterman
Head Certification Board

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This document is issued under the provision that no liability is accepted and that the applicant shall indemnify third-party liability.

The notification of NMi Certin B.V. as Issuing Authority can be verified at www.oiml.org

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMi (see www.nmi.nl).



The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):

- No. NMI-13200302-01 dated 29 November 2013 that includes 51 pages;
- No. NMI-13200302-02 dated 29 November 2013 that includes 11 pages.

Characteristics of the indicator:

Accuracy class	III	
Maximum number of verification scale intervals	6000	
Load cell excitation voltage	5 V DC	
Minimum input voltage per verification scale interval	1 μ V	
Minimum load cell resistance	350 Ω	
Maximum load cell resistance	1050 Ω	
Fraction of the maximum permissible error	0,5	
Load cell connection	4-wire	6-wire (remote sensing)
Maximum value of the cable length per cross wire section (m/mm ²) between the indicator and the junction box or load cells	connected directly without junction box	No special cable length
Weighing range(s)	Single interval Multiple range	
Maximum number of load platforms	1	
Temperature range	-10 °C / +40 °C	
Power supply voltage	230 V AC 50/60 Hz; AC/DC Adapter 9 V DC.	
Software identification	Version number: 1.xx for LCD mainboard, 2.xx for LED mainboard. Where xx represents the metrological non-relevant part of the software.	