OIML Certificate

OIML Member State
The Netherlands

Number R76/2006-A-NL1-18.31
Project number 1901970

Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Mettler-Toledo (Changzhou) Measurement Technology Ltd. 111 West Taihu Road, Xinbei District Changzhou, Jiangsu 213125 Peoples Republic of China
Identification of the certified type	An **Analog data processing device** Type : LE-DigiCell
Characteristics	See next page

This OIML Certificate is issued under scheme A.

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 R 76 - Edition 2006 for accuracy class (III) or (IIII)

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
6 July 2018

C. Oosterman
Head Certification Board

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The conformity was established by the results of tests and examinations provided in the associated OIML Test Report(s):
- No. NMi-11200439-04 dated 8 March 2012 that includes 20 pages;
- No. NMi-12200333-01 dated 12 October 2012 that includes 21 pages;
- No. NMi-15200100-01 dated 3 July 2015 that includes 8 pages;
- No. NMi-15200100-02 dated 3 July 2015 that includes 12;
- No. NMi-1901970-01 dated 5 July 2018 that includes 44 pages;
- No. NMi-1901970-02 dated 5 July 2018 that includes 17 pages.

Characteristics of the indicator:

Accuracy class		(III) or (IIII)	
Weighing range(s)		Single interval Multi-interval Multiple range	
Maximum number of scale intervals		$n \leq 3000$ divisions	
Maximum number of weighing ranges		3	
Load cell excitation voltage		2 V DC	
Load cell power supply voltage		-	
Minimum signal input voltage		U_{min} = 0 mV	
Minimum input voltage per verification scale interval		0,35 µV	
Minimum load cell resistance		87 Ω	
Maximum load cell resistance		1140 Ω	
Fraction of the maximum permissible error		0,5	
Load cell connection		4-wire or 6-wire (remote sensing)	
Maximum value of the cable length per cross wire section between the analog data processing device and the junction box or load cells		No special cable length In case a 4-wire connection is used the load cells are connected directly without junction box	
Maximum number of load platforms		4	
Temperature range		-10 °C / +40 °C	
Power supply voltage		5,7 - 8 V DC battery	
Software identification	Rainbow core	RB or rb	xxxxx (Any version)
	Rainbow Weighing Package	WP or wp	2.2.x
	Rainbow Signal processing	SP or sp or DSP or dsp	2.0.x
	Wireless module	BT-FW	F1.y.zz