

OIML Member State
The Netherlands

Number R76/2006-NL1-16.24
Project number 16200064
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	A&D Instruments Ltd. Unit 24/26 Blacklands Way, Abingdon Business Park, Abingdon, Oxfordshire, OX14 1DY United Kingdom
Identification of the certified type	An Indicator Type : AD-4401A
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 R 76 - Edition 2006 for accuracy class $\textcircled{\text{III}}$ or $\textcircled{\text{IIII}}$

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**
16 June 2016



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).



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The conformity was established by the results of tests and examinations provided in the associated OIML Test Reports:

- No. NMI-16200064-01 dated 15 June 2016 that includes 47 pages;
- No. NMI-16200064-02 dated 15 June 2016 that includes 16 pages;
- No. NMI-16200064-03 dated 15 June 2016 that includes 15 pages.

Characteristics of the non-automatic weighing instrument:

Accuracy class	III or IIII
Weighing range	Single interval
Maximum number of scale intervals	$n \leq 10000$ divisions
Load cell excitation voltage	10 V DC
Minimum input voltage per verification scale interval	1,0 μ V
Minimum load cell resistance	42 Ω
Maximum load cell resistance	1050 Ω
Fraction of the maximum permissible error	0,5
Load cell connection	6-wire (remote sensing)
Maximum value of the cable length per cross wire section between the indicator 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
Temperature range	-10 °C / +40 °C
Power supply voltage	100 – 240 V AC 50/60 Hz
Software identification	Version number: 1.xx (xx is a number between 00 and 99 and represents the non-legally relevant software)