



OIML Member State
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No.
R76/2006-A-GB1-19.12

OIML CERTIFICATE ISSUED UNDER SCHEME A

OIML Issuing Authority **NMO**
Stanton Avenue
Teddington
TW11 0JZ
United Kingdom

Person responsible: **Mannie Panesar – Head of Technical Services**

Applicant **Arab Scale Trading LLC**
Al Qusais
Dubai
United Arab Emirates

Manufacturer **Adler Instrument**
9 Plantagenet Road
Barnet, ENS 5JG
United Kingdom

Identification of the certified type **AD 30 LP**
(the detailed characteristics are defined in the Descriptive Annex)

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

OIML R 76-1, Edition: 2006

For accuracy class: III

Issue date: 22 August 2019

The OIML Issuing Authority

Grégory Glas
Lead Technical Manager
For and on behalf of the Head of Technical Services

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML Certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated OIML type evaluation report:

No. P02456 dated 22 January 2019 that includes 16 pages.

The type evaluation report also supports OIML Certificate No R76/2006-A-GB1-19.04, with AD 30 LP corresponding to Yousheng model TM-30A2.

The technical documentation relating to the identified type is contained in documentation file:

No. P02456-D dated 22 January 2019.

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	22 August 2019	OIML Certificate first issued.
-	-	-

No revisions have been issued.

Important note:

Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate is issued, partial quotation of the Certificate and of the associated OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

DESCRIPTIVE ANNEX

Characteristics of the instrument:

This instrument, designated the AD 30 LP, is a Class III, mains-powered, self-indicating, price-computing, single-interval, barcode printing and scanning, non-automatic weighing instrument. The instrument is designed for direct sales to the public.

Main features:

- Plastic construction
- Operator's keypad
- Stainless steel load receptor
- Front and rear Pole-mounted double-sided LCD display
- Level indicator under the load receptor
- Integrated printer

Devices:

- Initial zero setting device ($\leq 20\%$ of Max)
- Automatic zero setting device ($\leq 4\%$ of Max)
- Semi-automatic zero setting device ($\leq 4\%$ of Max)
- Zero tracking device ($\leq 4\%$ of Max)
- Zero indicator
- Net indicator
- Stable weight indicator
- Semi-automatic subtractive tare weighing device
- Preset tare
- Gravity compensation
- Price-computing (weighed and non-weighed items)
- Hold function for weighing unstable samples
- Check weighing
- Piece counting
- Totalisation (including non-weighed items)
- PLU
- Fixed weight labelling
- Price labelling
- Multi-vendor operation
- Calibration / set-up mode via sealed internal switch
- Printing
- Barcode printing and scanning
- Operator manual discount or percentage discount
- Additional management functions

Load cell:

The load cell fitted in the instrument is a Qidong Youming Weighing Apparatus Co., Ltd load cell, model ZET-EC, E_{\max} as described in technical data below.

Interfaces:

- USB
- RS232
- RJ11 (Cash drawer)
- RJ45 (Ethernet)
- WiFi

Model designation

Model	Type	Front display type	Back display type
AD 30 LP	Pole-mounted scale	L4+1	L4+1

Technical data:

The instruments operate on a 200 to 240 Vac (50/60 Hz) mains power supply.

The temperature range for the instruments is -10 °C / +40 °C.

Max	30 kg
Min	200 g
e =	10 g
T _≤ (kg)	-12.00 kg
Load cell E _{max}	40 kg

Software:

The software identification shall be as UA8xx V3.x, where:

xx = 00 to 99 to represent different language, e.g. 00 for English.

x can be three or four digits and it is the sub version number reflecting non-legally relevant changes.

During normal power up, the information of V3.x will be displayed. For the full software version number, press "F-Prog" during power up.

Access to the legally relevant parameters and download of software is only possible by accessing the calibration switch or short-circuit J2 on the main board. This is prevented by sealing the enclosure (Section Sealing).

Sealing:

Access to the load cell, electronics and calibration switch is prevented by sealing the enclosure using a tamper-evident method.