



OIML Member State
P. R. China



OIML Certificate No.
R76/2006-A-CN2-23.02

OIML CERTIFICATE

ISSUED UNDER SCHEME A

OIML Issuing Authority Name: National Institute of Metrology, China
Address: No.18, Bei San Huan Dong Lu, Chaoyang Dist., Beijing, P.R.China
Person responsible: Mr. Fang Xiang, Director

Applicant Name: Shanghai Yaohua Weighing System Co., Ltd
Address: Building 5, No.999 Gongye Road, Jinhui Town, Fengxian District, Shanghai, P.R.China

Manufacturer Name: Shanghai Yaohua Weighing System Co., Ltd
Address: Building 5, No.999 Gongye Road, Jinhui Town, Fengxian District, Shanghai, P.R.China

Identification of the certified type Weighing Indicator XK3190-ND1 (Further characteristics on page 2)

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 R76 – Edition 2006

For accuracy class:



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.

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.

OIML Issuing Authority: **National Institute of Metrology, China**

Date: 17 August 2023

Fang Xiang
Director
National Institute of Metrology, China



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

No. TER-R76/2006-CN2-23.02 dated 16 August 2023 that includes 26 pages

and the associated OIML test report:

No. LSmm2023-02979 dated 26 July 2023 that includes 38 Pages

OIML Certificate History

Revision No.	Date	Description of the modification
0	17 August 2023	Initial issue

Characteristics of the Instrument

Type	XK3190-ND1
Accuracy class	III
Apportioning factor of mpe, p_i	0.5
Minimum input-voltage per verification scale interval	1 μ V
Maximum number of verification scale intervals, n	5000
Temperature range	0 °C ~ 40 °C
Power supply	AC 220V, 50Hz Rechargeable Battery 6V/10Ah
Load cell excitation voltage, U_{exc}	5 V
Minimum signal voltage for dead load	0.0 mV
Maximum signal voltage for dead load	4.0 mV
Measuring range minimum voltage	-19.0 mV
Measuring range maximum voltage	19.0 mV
Minimum load cell impedance	43.75 Ω
Maximum load cell impedance	1000 Ω
Sense system	Six-wire (remote sensing)
Maximum cable length	9999 m/mm ²
Software version	Ver 3.00