NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:
Weighing/Load Receiving Element
Electronic
Model: LP7611 and LP7615
e_{min}: 0.001 lb to 0.2 lb
n_{max}: 4000 to 7500
Capacity: 6 lb to 1500 lb
Accuracy Class: III

Submitted By:
Locosc Ningbo Precision Technology Co., Ltd.
No. 137 Zhenyong Rd Yongjiang
Ningbo, Zhejiang 315021 China
Tel: 0086-13806678368
Fax: 86-574-87630707
Contact: Minghai Lu
Email: luminghai@locosc.com
Website: www.locosc.com

Standard Features and Options

Standard Features:

- Stainless Steel Platter
- Mild Steel Base
- Leveling Feet
- Level Bubble

Optional Features:

- Stainless Steel Base
- Attached Column for Mounting an Indicating Element.
- Back Rail
- Under Wheel for moving
- Transfer Rollers
- Transfer Balls

Load Cells Used:
Locosc Precision Technology Co. models LP7160, LP7161, LP7162, LP7163, LP7164, LP7166 and LP7167 (Non-NTEP)

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of *Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices*. Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages. *Editorial changes, not affecting the type or metrological content, corrected this certificate.

Hal Prince
Chairman, NCWM, Inc.

Craig VanBuren
Chair, NTEP Committee
Issued: September 2, 2020

1135 M Street, Suite 110 / Lincoln, Nebraska 68508

The National Conference on Weights and Measures (NCWM) does not approve, recommend or endorse any proprietary product or material, either as a single item or as a class or group. Results shall not be used in advertising or sales promotion to indicate explicit or implicit endorsement of the product or material by the NCWM.

Locosc Ningbo Precision Technology Co., Ltd.
Weighing/Load Receiving Element / LP7611 and LP 7615

Model	Platform Size	Capacity (lb)	e_{min}	Load Cell
LP7611	12” x 12”	30 / 50 / 60 / 100	0.005 / 0.01 / 0.01 / 0.02	LP7163
	12” x 14”	50 / 60 / 100 / 150 / 200	0.01 / 0.01 / 0.02 / 0.02 / 0.05	LP7163
	14” x 14”	50 / 60 / 100 / 150 / 200	0.01 / 0.01 / 0.02 / 0.02 / 0.05	LP7163
	12” x 16”	50 / 60 / 100 / 150 / 200 / 300	0.01 / 0.01 / 0.02 / 0.02 / 0.05 / 0.05	LP7164
	16” x 16”	100 / 150 / 200	0.02 / 0.02 / 0.05	LP7164
	16” x 18”	100 / 150 / 200	0.02 / 0.02 / 0.05	LP7164
	18” x 18”	100 / 150 / 200 / 300	0.02 / 0.02 / 0.05 / 0.05	LP7160
	16” x 20”	100 / 150 / 200 / 300	0.02 / 0.02 / 0.05 / 0.05	LP7160
	18” x 20”	100 / 150 / 200 / 300	0.02 / 0.02 / 0.05 / 0.05	LP7160
	20” x 20”	200 / 300 / 400 / 500	0.05 / 0.05 / 0.1 / 0.1	LP7160
	18” x 24”	200 / 300 / 400 / 500 / 600 / 1000	0.05 / 0.05 / 0.1 / 0.1 / 0.1 / 0.2	LP7161
	20” x 24”	200 / 300 / 400 / 500 / 600 / 1000	0.05 / 0.05 / 0.1 / 0.1 / 0.1 / 0.2	LP7161
	24” x 24”	200 / 300 / 400 / 500 / 600 / 1000	0.05 / 0.05 / 0.1 / 0.1 / 0.1 / 0.2	LP7161
	24” x 32”	200 / 300 / 400 / 500 / 600 / 1000 / 1500	0.05 / 0.05 / 0.1 / 0.1 / 0.1 / 0.2 / 0.2	LP7167 / LP7162
LP7615	10” x 10”	6 / 10 / 20 / 30	0.001 / 0.002 / 0.005 / 0.005	LP7166
	12” x 12”	6 / 10 / 20 / 30 / 50 / 60	0.001 / 0.002 / 0.005 / 0.005 / 0.01 / 0.01	LP7166 / LP7163

Application: For use in general purpose weighing applications when interfaced with an NTEP certified and compatible indicating element.

Identification: All required information is on an adhesive badge located under the platter that repeats the word “VOID” if removed.

Sealing: The weighing/load-receiving element has no metrological functions that require the use of a security seal. Calibration and configuration of the scale is done through the indicator.

Test Conditions: The emphasis of the evaluation was on device design, marking, performance and compliance with influence factor requirements. For this evaluation, five units were submitted: a model LP7615, 6 lb x 0.001 lb; a model LP7611, 30 lb x 0.005 lb; a model LP7615, 60 lb x 0.01 lb; a model LP7611, 150 lb x 0.02 lb; and a model LP7611, 1500 lb x 0.2 lb. Each W/LRE was connected to a Locosc model LP7510C or LP7510E indicating element (NTEP CC 20-011). Several increasing/decreasing load tests, level indicator tests, shift tests, and discrimination tests were performed. The devices were tested over a temperature range of -10 °C to 40 °C (14 °F to 104 °F). A load of approximately one-half capacity was applied over 100 000 times to each scale. The scales were tested periodically during this time.

Evaluated By: E. Morabito (NY)

Type Evaluation Criteria Used: *Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2020 Edition. *NCWM Publication 14: Measuring Devices*, 2020 Edition.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: D. Flocken (NCWM)

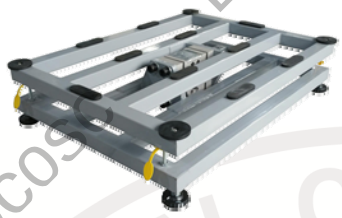
Locosc Ningbo Precision Technology Co., Ltd.
Weighing/Load Receiving Element / LP7611 and LP 7615

Example(s) of Device:

Model LP7611



Stainless Steel Platter



Mild Steel Base



Stainless Steel Base

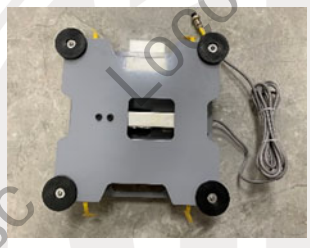


Bubble Level

Model 7615



Stainless Steel Platter



Mild Steel Base



Stainless Steel Base



Bubble Level