

OCS-Y Dynamometer



User's Guide

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1. Introduction

Notice

Before you use this dynamometer, please read this manual through carefully, and keep it properly for future use.

Safety Guide

For good performance and precise measurement, be careful with daily operation and maintenance. Note the following instructions:

- ➡ Do NOT overload dynamometer. This will damage loadcell and void warranty.
- ➡ Do NOT leave weight loaded on dynamometer for long. This will decrease dynamometer's accuracy and shorten loadcell's life.
- ➡ When dynamometer runs out of power, replace the battery with full ones.
- ➡ Do NOT use dynamometer under thunder or rain.
- ➡ Do NOT attempt to repair dynamometer yourself. Contact your local representative.

2. Specifications

Features

This dynamometer is a combination of the sound and proven mechanical design, with today's most advanced electronics to provide a superb feature set. It is versatile, reliable, accurate and easy to operate.

Superb Quality	Strictly in accordance with Chinese GB/T11883-2002 national standards, and European CE directives.
Great Safety	Quality aluminum or steel case for better safety.
Newest Design	2-line digits FSTN LCD display, with optional shackle.
Leading Technology	SMT technology, quality integrated circuit and dedicated weighing loadcell, ensures long time stability.
Power	Dynamometer battery 3.7V3000mAh Indicator battery 3.7V1200mAh
Portable	Compact structure, easy to carry.

Specifications

Accuracy	$\pm 0.1\%$ F.S.
Tare Range	100% F.S.
Overload Alarm	$> \text{F.S.} + 9e$
Max. Safety Load	120% F.S.
Battery Life	> 32 hours
Temp. (Op.)	$- 10^{\circ}\text{C} \sim + 40^{\circ}\text{C}$
Humidity (Op.)	$\leq 90\%$ at 20°C
Display	43mm(16.92inch) screen 22mm(8.663inch) character

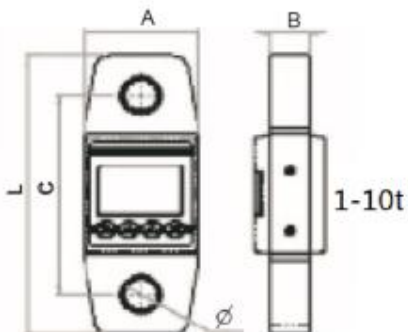
Capacity & Resolution

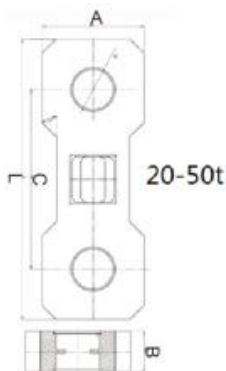
Model	Cap. kg/lb	E kg/lb	Div kg/lb
OCS-0.5-	500/1,100	0.2/0.	2,500
OCS-1-Y	1,000/2,200	0.5/1	2,000
OCS-2-Y	2,000/4,400	1/2	2,000
OCS-3-Y	3,000/6,600	1/2	3,000
OCS-5-Y	5,000/11,000	2/5	2,500
OCS-10-	10,000/22,00	5/10	2,000
OCS-15-	15,000/33,00	5/10	3,000
OCS-20-	20,000/44,00	10/20	2,000
OCS-30-	30,000/66,00	10/20	3,000
OCS-50-	50,000/110,00	20/50	2,500

Dimension

Model	A	B	C	L	Φ
OCS-0.5-Y	90	30	165	230	26
OCS-1-Y	90	30	165	230	26
OCS-2-Y	90	30	165	230	26

OCS-3-Y	90	30	165	230	26
OCS-5-Y	90	30	165	230	32
OCS-10-Y	90	48	195	280	38
OCS-15-Y	116	60	228	360	60
OCS-20-Y	116	60	228	360	60
OCS-30-Y	126	62	232	366	60
OCS-50-Y	180	70	320	500	72





3.Dynamometer Operation Guide

Key	Name	Function
 ON/OFF	On/Of f	Short pressing: Cancel & return to weighing mode Long pressing: Power-on / off
 TARE	Tare	Short pressing: Tare in/out; Long pressing: Zero;

 PEAK	Peak	Peak lock/unlock
 HOLD	Hold	Lock/unlock
 +  HOLD PEAK	Unit Switch	Unit Switch

4.Indicator Display





: Wireless signal



: Dynamometer battery power and Indicator

battery power



: Weighing condition



: Unit of weight

Limited by the display size, there are kg lb UN

three units of indicator, and kg lb N kN UN five

units of dynamometer. When the dynamometer

unit shows N, kN, the indicator will not show the

unit, but the weighing value is consistent.

5. Indicator Operation Guide

Key	Name	Function
ON/OFF	On/Off	Short pressing: Cancel & return to weighing mode Long pressing: Power-on / off
T/Z	Tare	Short pressing: Tare in/out; Long pressing: Zero;
PEAK	Peak	Peak lock/unlock
HOLD	Hold	Lock/unlock
HOLD+P	Unit Switch	Unit Switch

EAK		
F1	Date	Press once: show clock; Press twice: Show the date
F2	Backlight	Backlight on/off
2ND	Password	Password startup interface

6. Indicator Charge Guide

1. Turn off the power of indicator;
2. Connect the charging cable.;
3.  Start flashing;
4.  Stop flashing and display full, indicating that the battery is full;



Notice: It takes about eight hours to fully charge

7. Dynamometer Charge Guide

1. Turn off the power;
2. Open the Rear cover;
3. Connect the charging cable.
3. The charging indicator turns red and starts charging;
4. The charging indicator turns green, indicating that the battery is full;

