

DWP-6002 Lab Balance

Operator's Manual



封面

- Calibration weight
- Wind shield set
- AC/DC adaptor
- Batteries
- Warranty card
- Operator's manual

Warm up

- Warm up the scale for 5 minutes for regular weighing;
- Warm up the scale for 30 minutes for more precise weighing;
- Warm up the scale for hours for first time use or after changing its location.

Weighing

You need to remove the protection screw before using the scale.

ON/OFF

When the scale is off but connected with power, press ON/OFF button to switch it on the scale will beep once and the display will show "8.8.8.8.8.8.", "Max. Capacity" and "current voltage" and go to "0.00g".

When you want to switch off the scale, press ON/OFF and the scale goes off.

When the scale is in count mode, press PCS to switch to weighing mode.

TARE

Tare function can tare off the container weight for weighing powder or liquid. Please do as following:

- 1 When the scale shows zero, place the container on the platform;
- 2 Press TARE and wait until the display shows zero;
- 3 Remove the container and put powder or liquid into the container and put it on the platform again, the display will be the weight of the powder or liquid.

COUNT

Press "PCS" key for part count, the balance will display "PCS" and "10" • Choose average number from "10", "20", "50", "100", "150", "200", "250" to "500" by pressing "CAL". • Place "10", "20", "50", "100", "150", "200", "250" or "500" pieces of same objects you want to

weigh on the balance pan, press "PCS" key to confirm. then take the object samples away from the balance pan. Now you can count object, press "PCS" key if you want to escape count mode.

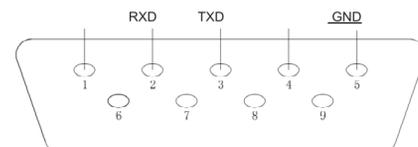
WEIGHING UNITS SWITCH

Press MODE button to switch weighing units among g, ct, lb, oz, ozt, mm, gn and dwt:

1ct=0.2 g
1gn=0.06479891g
1lb=453.59237 g
1oz=28.349523125 g
1ozt=31.1034768 g
1dwt=1.555173843 g

OUTPUT SIGNAL

Contact the scale to the computer from RS232 port and the scale will output signal directly .



1). Style: UART SIGNAL OF ELA-RS232C

2). Format:

- (A) Data bits: 8 bits
- (B) Stop bits: 1 bit, no checking bits
- (C) Code: ASC II
- (D) 9600 bps

CALIBRATION

EASY CALIBRATION

When the scale is on, press CAL button and hold for 5 seconds, the scale will show "CAL" "-----" and followed by "500.00";

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Introduction

Specifications:

- Readability: 0.01 gram
- Repeatability: 0.01 gram
- Linearity: 0.02 gram
- Weighing units: g, ct, gn,oz, lb,ozt, dwt, mm,
- Count function
- Easy calibration
- Tare function
- Auto Output Signal function
- Powered by 4x AAA batteries (Optional) or AC/DC adaptor
- Wind shield included
- Exchangeable platform for different use

Structures

- LCD display: 6 digits displaying data, operation info and error info:
- Buttons: 5 buttons, from left to right, buttons are ON/OFF, MODE, TARE, PCS, and CAL

Installation

Your scale is a precision device. To ensure best performance, please put your scale on a horizontal, flat and solid surface Please also keep the scale away from vibrations, direct sunlight, strong currents and magnetic objects. Working temperature: 5C-35C or 41 F-95F Maximum temperature change: 5C/hour or 41 F/hour Moisture: 50%-85% RH

What's in the box?

The box is sealed by DIGIWEIGH's factory. Please contact your reseller if the box is opened or re-sealed. The following is the checking list of your package. Please check carefully after you open the box:

- DWP-6002 Scale body
- Stainless steel platform

Put a 500 gram calibration weight on the center of the platform and wait for 3 seconds; the scale will show "500.00g". Calibration completed.

Dual Point Calibration:

When the scale is on, press CAL button and hold for 3 seconds, the scale will show "CAL" "-----" and followed by "500.00";

Press PCS button and hold for 3 seconds, the scale will show "CAL", and display "600.00" with flash;

Put a 600 gram calibration weight on the center of the platform and it will show "600.00";

Remove the 600g weight, the scale will show "300.00" with flash;

Put a 300 gram calibration weight on the center of the platform and it will show "300.00";

Remove the weight and turn off the scale. Calibration completed.

Trouble Shooting

1. The balance will display "--OL--" if your object overloads 0.2 percent of the null capacity, please remove your object that time.

2. Please switch the balance pan according to the direction of hour hand if you want to remove the pan. Do not lift up directly.

3. Error Information Table

Error Information	Specification	Transaction
---	It means that the object's weight on the balance pan is less than 0 gram.	Calibrate the balance.
--OL--	It means that the object's weight on the balance pan is overload.	Calibrate the balance.
Err-1	It means that you turn on and off the balance continuously.	Turn the balance off, then turn it on after 3 seconds.
Err-2	It means that the object's weight is not stable.	Do not operate anything

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