

EWP Series
Simple Weighing Scale
(Waterproof / Wash proof)

User Manual

Table of Contents

SECTION 1 INTRODUCTION 2
SECTION 2 SPECIFICATIONS 2
SECTION 3 INSTALLATION 3
SECTION 4 KEY DESCRIPTIONS 4
SECTION 5 DISPLAYS 4
SECTION 6 OPERATION 4
6.1 Zeroing the display 4
6.2 Taring 5
6.3 change weighing unit 5
SECTION 7 PARAMETERS & CALIBRATE 6
7.1 Enter setting mode 6
7.2 Calibrate 6
7.3 Change division 6
7.4 Check internal counts 6
7.5 Set backlight mode 6
7.6 Set Unit 6
7.7 Set Sleep Time 7
7.6 Set Speed High or Low 7
SECTION 8 BATTERY OPERATION 7
SECTION 10 ERROR CODE 8

SECTION 1

INTRODUCTION

The EWP series of waterproof scales provides an accurate, fast and versatile series of general purpose waterproof weighing scales. There are 4 models of scales within the range. Platform size is 190mm x 230mm, capacity range from 1.5kg to 15kg.

All the keypads are sealed, color coded membrane switches and the displays are large easy to read liquid crystal type displays (LCD). The LCD's are optional with a backlight.

All units include tare, zero, change weighing unit, change division function.

SECTION 2

SPECIFICATIONS

EWP Series				
Model #	EWP-1.5	EWP-3	EWP-6	EWP-15
Maximum Capacity	1.5 kg	3 kg	6 kg	15 kg
Readability	0.5/0.2 g	1/0.5 g	2/1 g	5/2 g
Resolution	1/3,000 or 1/6,000			
Tare Range	1 kg	3 kg	6 kg	10 kg
Minimum Capacity	10g/40g	20g/10g	40g/20g	100g/40g
Platform Size	190 x 230 mm			
Units of Measure	kg			
Optional Function	Beeper, Backlight, Stainless steel pan			

SECTION 3 INSTALLATION

3.1 GENERAL INSTALLATION

The scales should be sited in a location that will not degrade the accuracy.

Avoid extremes of temperature. Do not place in direct sunlight or near air conditioning vents.

Avoid unsuitable tables. The tables or floor must be rigid and not vibrate. Do not place near vibrating machinery.

Avoid unstable power sources. Do not use near large users of electricity such as welding equipment or large motors.

Avoid high humidity that might cause condensation. Do not immerse the scales in water.

Avoid air movement such as from fans or opening doors. Do not place near open windows.

Keep the scales clean.

Do not stack material on the scales when they are not in use.

3.2 INSTALLATION of EWP SERIES

EWP series waterproof scales use AC adapter and rechargeable battery powered. Please attention the power source voltage accord with the mark of the adapter. AC adapter socket at the bottom the scale, you can overturn the scale before you charging the battery.

SECTION 4

KEY DESCRIPTIONS

ON/OFF	turn on the power
TARE/UNIT	press this key to tare, hold this key for 4 seconds to change weighing unit
ZERO	re-zero the scale.

SECTION 5

DISPLAYS

The LCD display will show a value and some marks under the digits.

Zero	:	zero indicator
Stable	:	Stability indicator
Net	:	Tare indicator, current scales in net weight mode
Bat. Lo	:	Low battery indicator, charging the battery at once when this indicator on
Kg	:	current weighing unit is kg
Lb	:	current weighing unit is lb

SECTION 6

OPERATION

6.1 Zeroing The Display

You can press the ZERO key at any time to set the zero point from which all other weighing, within 10% of power up zero. This will usually only be necessary when the platform is empty. When the zero point is obtained the display will show the indicator for zero.

The scale has an automatic rezeroing function to account for minor drifting or accumulation of material on the platform. However you may need to press the ZERO key to rezero the scale if small amounts of weight are shown when the platform is empty.

6.2 Taring

Zero the scale by pressing the ZERO key if necessary. The zero indicator will be on.

Place a container on the platform, a value for its weight will be displayed.

Press the TARE/UNIT key to tare the scale. The weight that was displayed is stored as the tare value and that value is subtracted from the display, leaving zero on the display. The "NET" indicator will be on. As product is added only the weight of the product will be shown. The scale could be tared a second time if another type of product was to be added to the first one. Again only the weight that is added after taring will be displayed.

When the container is removed a negative value will be shown. If the scale was tared just before removing the container this value is the gross weight of the container plus all product that was removed. The zero indicator will also be on because the platform is back to the same condition it was when the ZERO/ENTER key was last pressed.

6.3 Change weighing unit

Hold TARE/UNIT for 4 seconds will change weighing unit, relevant weighing unit mark turn on(kg or lb)

SECTION 7

PARAMETERS & CALIBRATION

7.1 Enter setting mode

The scale has 7 parameters that can be set by the user plus a method of entering the calibration section.

To set parameters or calibration, hold TARE/UNIT key ,then press ON/OFF key ,it will show FO CAL .

7.2 Calibrate

After enter setting mode, the display will show the first function, "CAL". Press TARE/UNIT key, display shows "UNLOAD", empty the platter, after STABLE indicator on, press TARE/UNIT key again, display shows the calibrate weight, you can press ZERO key to select calibrate weight, after you select, press TARE/UNIT key, display shows "LOAD", put the calibrate weight on, after STABLE indicator on, press ZERO key to sure, display shows "SUCC", after EWP selfchecking again, EWP is ready for you.

7.3 Change division

After enter setting mode, the display shows "CAL", press ZERO key, display shows "INC", press TARE/UNIT key to enter, press ZERO key to select division, press TARE/UNIT key to sure, press ZERO key and TARE/UNIT key at the same time to escape.

7.4 Check internal counts

After enter setting mode, display shows "CAL", press ZERO key twice, display shows "INP", press TARE/UNIT key to enter, display shows internal counts, press TARE/UNIT key and ZERO key at the same time to escape.

7.5 Set backlight mode

After enter setting mode, display shows "CAL", press ZERO key three times, display shows "BT SET", press TARE/UNIT key to enter, press ZERO key change backlight mode(AU: automatic, OFF: off), press TARE/UNIT key and ZERO key at the same time to escape.

7.6 Set unit

After enter setting mode, display shows "unt" , press ZERO key to change the second Unit.

7.7 Set sleep time

After enter setting mode, display shows "of", press ZERO key to change the time for sleep .(rang 3,5,10,20 minute)

7.8 Set speed high or low

After enter setting mode, display shows "FLT 2", press ZERO key to change the average time before the filter work. The value is big , the weighing is more nicety

SECTION 8 BATTERY OPERATION

The weighing indicator can be operated from the battery if desired. The battery life is approximately 100 hours.

When the battery needs charging BAT LO indicator will turn on. The battery should be charged when the symbol is on. The scale will still operate for about 10 hours after which it will automatically switch off to protect the battery.

To charge the battery simply plug into the mains power. The scale does not need to be turned on.

The battery should be charged for 24 hours for full capacity.

Just under the quantity display is an LED to indicate the status of battery charging. When the scale is plugged into the mains power the internal battery will be charged. If the LED is green the battery has a full charge. If it is Red the battery is nearly discharged and yellow indicates the battery is being charged.

As the battery is used it may fail to hold a full charge. If the battery life becomes unacceptable then contact your distributor or PARAG TRADING CO., LLC.

SECTION 9

ERROR CODES

ERROR CODES	DESCRIPTION	RESOLUTION
--OL--	Over Range	Remove weight from the scale. If the problem persists, contact your dealer or PTC for assistance.
Err 4	Zero Setting Error	The scale was outside the normal zero setting range either when it was turned on or when the ZERO key was pressed. Remove weight from the scale and try again. Use the TARE key to set the display to zero value. If the problem persist contact your dealer or PTC for assistance.
Err 6	A/D out of range	The values from the A/D converter are outside the normal range. Remove weight from the scale if overloaded, make sure the pan is attached. Indicates the load cell or the electronics may be faulty. If the problem persist contact your dealer or PTC for assistance.

“**ENDEL**” is an internationally reputed brand name in Electronic Weighing Instruments since last 11 years.

Our products are produced in India & Taiwan and supplied & serviced from our India, UAE and Kenya hubs; distributed through a world wide dealer network.

All “**ENDEL**” products are carrying advanced technology, designed by our R & D experts for specific commercial & non-commercial use in Laboratory, Medical, Business and Industrial environments.

Brief summary of “**ENDEL**” product range is...

- Laboratory Balances
- Jewelry Balances
- Pocket Scales
- Gem Scales (Carat Scales)
- Table Top Scales / Super Market Scales
 - Simple Weighing Scales
 - Price Computing Scales
 - Piece Counting Scales
 - Wash Proof/ Water Proof Scales
- Platform Scales
- Deck Scales
- Pallet scales
- Crane Scales
- Hanging (fishing) Scales
- Postal / Parcel Scales
- Bathroom Scales
- Kitchen Scales
- Baby Weighing Scales
- Truck Weighing Scales (Weighbridges)
- Weighing Indicators
- Load Cells
- Accessories
- Customized auto weighing systems

“**ENDEL**” operates on approved quality management system and is certified to ISO 9001 : 2000

Visit our web : <http://www.endeavourweigh.com> for more details

CONTACT for any further assistance



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