



USER'S MANUAL

DS-500

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1. Model Specification

1.1. Features:

- DS-500 is a load cell scale which acquired OIML approval.
- Plastic housing and the flat platter.
- Low cost and quick weight display.
- Water proof function
- Multi interval for 2, 10, 20kg capacity with 1/1,000 resolution; and single interval for 1.5, 3, 6, 15 and 30kg capacity with 1/3,000 resolution.
- Available alkaline dry battery (4xC size) can last longer than 1000 hours continuously.
- Auto power off function to prevent the waste of power.

1.2. Water and Dust proof function

- DS-500 acquired IP65 (besides double display type)

1.3. Specification for Weight and Measure.

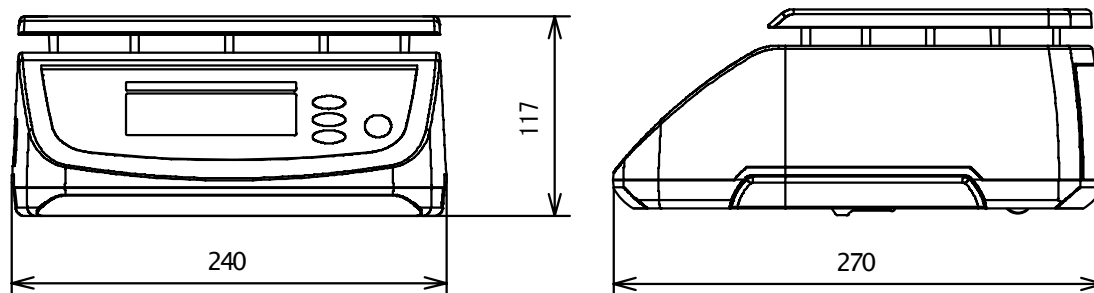
Capacity weight	Minimum Increment		Maximum tare value	Remarks
1.5 kg	0kg~1.5kg	0.5g	749.5g	CN & EXP
2 kg	0kg~1kg	1g	999g	AA only
	1 kg~2 kg	2g		
3 kg	0kg~3kg	1g	1499g	CN & EXP
10 kg	0 kg~5 kg	5g	4995g	AA only
	5 kg~10 kg	10g		
15 kg	0kg~15kg	5g	7495g	CN & EXP
20 kg	0 kg~10 kg	10g	9990g	AA only
	10 kg~20 kg	20g		
30 kg	0kg~30kg	10g	14990g	CN & EXP

1.4. Basic specification

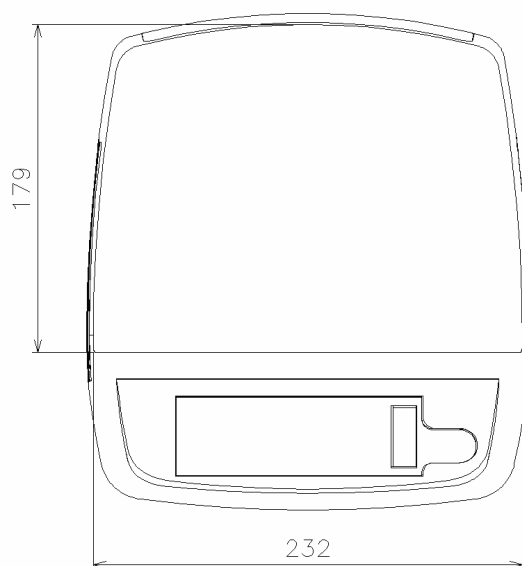
Display resolution	1/1,000 multi interval; 1/3,000 single interval
Operating temperature	0 – 35 centigrade
Operating humidity	15% - 85% RH (no water drops)
Power source	DC6V dry battery 1.5V x 4
Power consumption	DC6V : 0.05W
Size	W240 x L270 x H117(mm)
Platter size	W232 x L179(mm)
Weight	Approximately 2.2kg(including dry batteries)

1.5. Dimensions

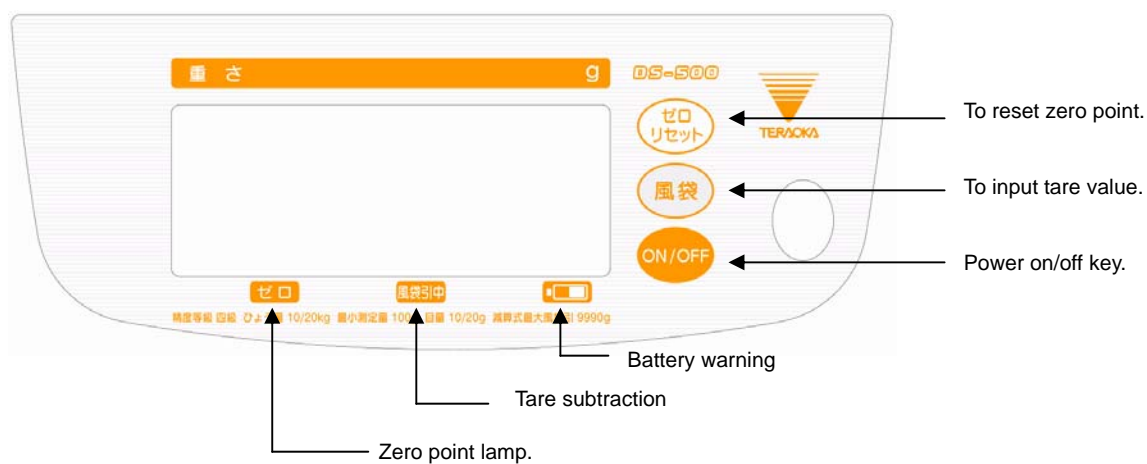
1.5.1. Layout Dimension



1.5.2. Platter dimension



1.5.3. Key Sheet



2. Operation Guide

Re-Zero

- 1) When empty on platter and a weight on display.
- 2) Press [**Re-Zero**] key
- 3) If the weight still on display, it means the weight is over Re-Zero range, please restart scale.

Tare Subtraction

- 4) Put the tare on the platter.
- 5) Press [**Tare**] key.
- 6) Press [**Tare**] key again to cancel the tare subtraction.

Auto Power Off Function

This is the function to prevent the waste of power. When this is enabled, the scale will automatically turns off when no operation is done and the scale gets stable for the time set in the auto power off function mode.

After the scale turns off by auto power off function the only way to start again is to press [ON/OFF] key. You can select the time for Auto Off from 3, 10 minutes and no setting.

- **Operation**

- How to set 3 minutes.**

- 1) Turn off the scale once.
- 2) Press [**On/Off**] key more for about 3 to 6 seconds.
- 3) When display shows [**3**] release the key.

- How to set 10 minutes.**

- 4) Turn off the scale once.
 - 5) Press [**On/Off**] key more for about 3 to 6 seconds.
- When display shows [**10**] release the key.

- How to set no setting.**

- 6) Turn off the scale once.
 - 7) Press [**On/Off**] key more for about 9 seconds.
- When display shows [**999**] release the key.

Error Message List

Message	Cause	Treatment
[OF]	Over the capacity weight	Put off things from the platter.
[UF]	Weight is less than zero point. Platter is pushed upward.	Take off something that is pushing up the platter if there is any. Then press Re-Zero key or [ON/OFF] key.
[888888]	Zero point is out of range or scale is unstable.	Make the scale stable and make sure that nothing is on the platter.
[Error]	Communication error between main board and A/D board.	Please call service or send for repair
[Lo – VoL]	Power from battery is not enough.	Replace the battery with new one.

Dear Customer:

If you have any problem which no indicated as above, please call our local dealer or contact to us directly as:

Technical Support Dept.

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Thank you very much for your buying DIGI products!