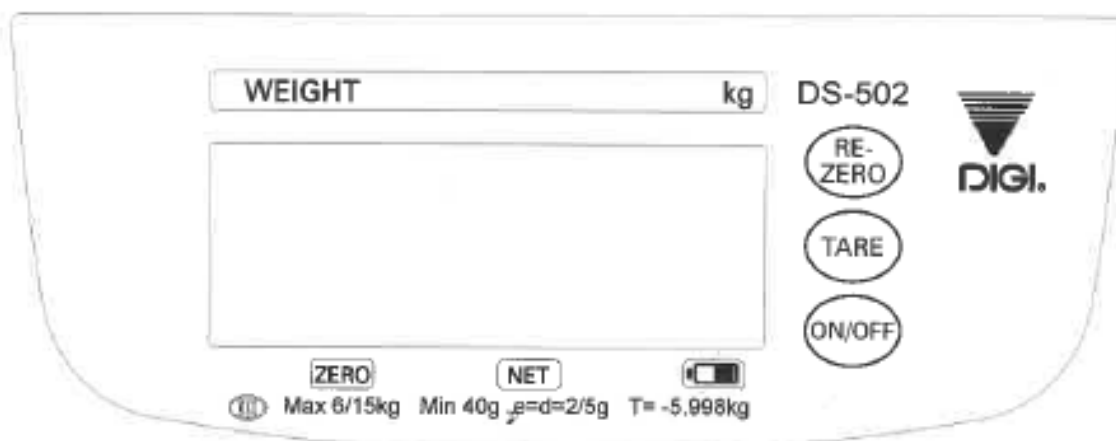


1. Display & Keyboard panel



2. Operation keys & Indicators

ON/OFF : On/Off key. To turn display On or Off.

RE-ZERO : RE-ZERO key. Resets weight display to zero.

TARE : TARE key. Set or clears tare value.

ZERO : On when zero point is adjusted and weight is stable.

NET : On when tare subtraction is performed.

Battery Indicator : On when battery is weak and needs to change.

1. Technical Detail

1.1 Work Condition:

* Power Source : 4 x C size dry battery or AC/DC Adapter(DC 5V ~ 12V, 100mA).

* Operating Temperature: -10°C ~ +40°C.

* Operating Humidity : 15 ~ 85% RH.

* Power Consumption : 0.04W when DC 6V, or dry battery.

1.2. layout Dimension

* Platter size : 230(W) x 180(D) mm.

* Overall size : 240(W) x 270(D) x 117(H) mm.

1.3. Main Technical Parameter:

* Capacity/Division: 1.5kg 0.2g/0.5g, 3kg 0.5g/1g, 6kg 1g/2g, 15kg 2g/5g, 30kg 5g/10g.

* Tare Range : 1.5kg -0.5998kg, 3kg -1.4995kg, 6kg -2.999kg, 15kg -5.998kg, 30kg -14.995kg

* Resolution : Apply to the Scale Requirement OIML grade(III)

1.4 External Connectors

* DC receptacle, DC 6-9 V



4. Level Adjustment

a) Place scale on firm and flat base.

b) Level the scale by turning adjusting legs until air bubble is at the center of the level indicator.



NOT LEVEL



LEVEL

5. Operations In Weighing Mode

5.1. ON/OFF

1 - ZERO 2 - NET

OPERATION	DISPLAY	1	2	REMARKS
[ON/OFF]	8.8.8.8.8.8			Display for 1 seconds.
				Blank for 1 seconds.
	8.8.8.8.8.8			Display for 1 seconds.
				Blank for 1 seconds.
	8.8.8.8.8.8			
Ready to operate	0.000	▼		Weighing mode.
[ON/OFF]				Display off.

5.2. Reset and Weighing Check

All weighing operations will be performed based on the procedure shown below. Operator should check this operation before any transactions.

1 - ZERO 2 - NET

OPERATION	DISPLAY	1	2	REMARKS
Stand-by-status	0.00	▼		
[REZERO]	88888			Reset the zero point.
	0.00	▼		
Place an item on the platter. (e.g. 1.00kg)	1.000			
Remove the item from platter	0.000	▼		

5.3. Tare Subtraction

1 - ZERO 2 - NET

OPERATION	DISPLAY	1	2	REMARKS
Stand-by-status	0.000	▼		
Put tare (e.g. 30 g) on platter	0.030			Subtract the tare weight.
[TARE]	0.000			
Remove the tare weight	0.030	▼		
[TARE]	0.000	▼		Clear the tare weight.

5.4. Automatic Shut-Off Timer Setting

1 - ZERO 2 - NET

OPERATION	DISPLAY	1	2	REMARKS
Display off				
Depress [ON/OFF]				
Keep pressing for 3s	3			Set Automatic shut-off timer to 3 minutes.
Release [ON/OFF]	8.8.8.8.8.			
Ready to operate	0.000	▼		
[ON/OFF]				Weighing mode.
Depress [ON/OFF]				Display off.
Keep pressing for 3s	3			Set Automatic shut-off timer to 10 minutes.
Keep pressing for 6s	10			
Release [ON/OFF]	8.8.8.8.8.			
Ready to operate	0.000	▼		Weighing mode.
[ON/OFF]				Display off.
Depress [ON/OFF]				
Keep pressing for 3s	3			Set NO Automatic shut-off.
Keep pressing for 6s	10			
Keep pressing for 9s	999			
Release [ON/OFF]	8.8.8.8.8.			Weighing mode.
Ready to operate	0.000	▼		

*NOTE: The setting data registered in the memory keeps effectiveness unless new data is established.

6. Error Message List

The following error message will appear when an incorrect operation is performed.

Message	Remarks	Appropriate Operation
888888	When scale is not steady when power on.	Place scale on firm, flat base.
OF	When weight exceeds capacity+9d, or something is on the platter when power on.	Remove the item on the platter.
UF	When negative weight exceeds display limit.	REZERO or ON/OFF again.
Error	When error occurs in maintenance mode.	Repeat operation.
ERR 01	When A/D error.	Contact dealer.
ERR 02	When data flash erase error.	Contact dealer.
ERR 03	When data flash program error.	Contact dealer.

CERTIFICATE OF QUALITY

DS-502 is manufactured under the authority of TERAOKA SEIKO CO.,LTD.of Tokyo Japan and using DIGI's high standards of quality.

TERAOKA SEIKO CO.,LTD.
TERAOKA WEIGH-SYSTEM PET LTD
SHANGHAI TERAOKA ELECTRONIC CO.,LTD

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