

# Operating Guide

## ELB Series

### [Menu Selection]

- (1) Press the [MODE] key. The currently selected conditions are displayed in symbols.
- (2) The display changes in the order shown in the table at right each time the [MODE] key is pressed. Press the [TARE] key when the item to set is displayed.
- (3) “SEt” is displayed and it reverts to the weight display.

**CAUTION!** The internal values of the balance are being revised while “SEt” is displayed. Do not turn off the power while “SEt” is displayed.

**CAUTION!** Menu selection is not possible in the specific gravity measurement mode. Display a different unit by pressing the [UNIT] key to start menu selection.

Display	Description
Conv PCS	Piece counting
Conv %	Percentage conversion
CAL	Calibration
P.C.-on	Auto Power Off function activated
P.C.-oF	Auto Power Off function disabled
A-1	Fast Response Mode
A-2	Normal Response Mode
P-1	Internal stability detection width: Small
P-2	Internal stability detection width: Large
d-on	Zero tracking: ON
d-off	Zero tracking: OFF
iF	RS-232C communication specification settings
SG	Specific gravity measurement
*1 Unit kg	Kilogram
Unit g	Gram
Unit ct	Carat
*2 Unit oz	Ounce
*2 Unit ozt	Troy ounce
*2 Unit dwt	Penny weight
*2 Unit GN	Grain
*2 UnitH tl	Hong Kong tael
*2 UnitS tl	Singapore tael
*2 Unitt tl	Taiwan tale
*2 Unit mo	Momme
CLEAR	Canceling registered units

\*1 ELB12K only

\*2 Not applicable to Leagal Mesuring Instruments in using area.

### [Registering and Deleting Units]

#### Registration

- (1) Press the [TARE] key when the desired unit is displayed. Already registered units are displayed with the “→” mark.
- (2) “SEt” is displayed and then it changes to the weight display in the registered unit.

#### Deletion

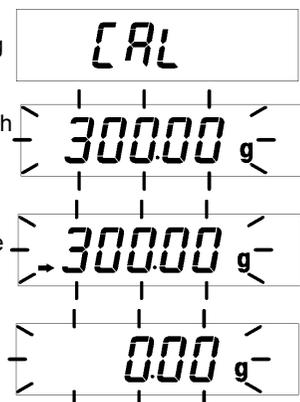
- (1) Press the [TARE] key when the unit to delete is displayed. Already registered units are displayed with the “→” mark.
- (2) “SEt” is displayed and then it changes to the weight display.

#### Delete All

- (1) Select “CLEAR” and press the [TARE] key.
- (2) “SEt” is displayed and then it changes to the weight display in grams.

### [Sensitivity Calibration]

- (1) Select “CAL” (sensitivity (span) calibration) in menu selection with nothing on the pan.
- (2) Press the [TARE] key. The value of the weight to be used for calibration flash
- (3) Place the calibration weight on the pan.
- (4) Press the [TARE] key when the stability mark illuminates after placing the weight.
- (5) Zero flashes on the display.



- (6) Remove the weight from the pan and press the [TARE] key when the stability mark illuminates.



- (7) "End" is displayed and then it changes to the weight display.



**CAUTION!** The internal values of the balance are being revised while "End" is displayed. Do not turn off the power while "End" is displayed.

### [Setting the Piece Counting Mode]

- (1) Place a container on the pan and press the [TARE] key.

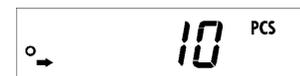


- (2) Select "Conv PCS" (piece counting settings) in menu selection.



- (3) The number of reference pieces of sample is displayed as "10".

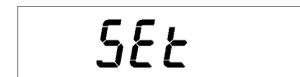
Select the intended number of pieces by pressing the [MODE] key. The number changes in the following order each time the [MODE] key is pressed: 10 -> 20 -> 50 -> 100 -> 10...



- (4) Place the displayed number of sample pieces in the container while the number is displayed.

- (5) Press the [TARE] key when the stability mark illuminates after placing the sample pieces.

- (6) "SEt" is displayed and then it changes to the piece counting display with the piece counting mark (PCS) illuminating.



**CAUTION!** The internal values of the balance are being revised while "SEt" is displayed. Do not turn off the power while "SEt" is displayed.

### [Setting the Percent Conversion Mode]

- (1) Place a container on the pan and press the [TARE] key.



- (2) Select "Conv %" (percentage conversion settings) in menu selection.



- (3) "100 %" is displayed.



- (4) Place the reference sample in the container.



- (5) Press the [TARE] key when the stability mark illuminates after placing the sample.



- (6) "SEt" is displayed and then it changes to the percentage display with illuminating..



**CAUTION!** The internal values of the balance are being revised while "SEt" is displayed. Do not turn off the power while "SEt" is displayed