

Command Mode for Comparator Memory

All sections are supplementary content.

\* This feature may not be available depending on when the product was purchased.  
In command mode, the scale can be controlled by commands from external devices such as computers.

List of Commands for Comparator Memory

Command	Function
CN	Switch Comparator Memory (Switch the memory in use)
?CN	Output Comparator Memory (Output the memory in use)

Command Examples

Below is an example for Function table 

S	I	F	I
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 (with command response).  
For Function table 

S	I	F	I	0
---	---	---	---	---

, there is no response.

Switch Comparator Memory

Switch the comparator memory in use to the specified memory number.

Command 

C	N	,	X	X	C <sub>R</sub>	L <sub>F</sub>
---	---	---	---	---	----------------	----------------

 XX is the memory number. (00 to 99)  
Response example 

C	N	,	X	X	C <sub>R</sub>	L <sub>F</sub>
---	---	---	---	---	----------------	----------------

 No response with 

S	I	F	I	0
---	---	---	---	---

.

Output Comparator Memory

Output the comparator memory in use.

Command 

?	C	N	C <sub>R</sub>	L <sub>F</sub>
---	---	---	----------------	----------------

  
Response example 

C	N	,	X	X	C <sub>R</sub>	L <sub>F</sub>
---	---	---	---	---	----------------	----------------

 XX is the memory number. (00 to 99)

Preset Tare Value Memory

Sections indicated with double underlines are supplementary content.

\* This feature may not be available depending on the purchase time.

How to Input Digitally (Preset Tare)

Input the tare amount digitally. (Preset Tare)

- Step 1 While pressing the 

SET
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 key, press the 

TARE
------

 key to display a blank or the stored tare amount. (If the tare amount is zero, it will be blank.) 

PT
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 will blink.
- Step 2 Enter the tare amount using the numeric keypad.
- Step 3 Press the 

ENTER
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 key to save. It will return to the mass display, showing the measured value minus the set amount.
- Step 4 Place the item to be weighed in the container, and read the value after the stability mark lights up.
- Step 5 Remove the item from the plate.

\* The registered value will remain saved even if the power is turned off.

Supplement to HVW-C Series Instruction Manual



There is a supplement to the contents described in the HVW-C Series Digital Scale Instruction Manual.  
Please replace with the contents of this document and use the supplement. The applicable models are as follows.

Models
HV-C/CP, HW-C/CP series (1WMPD4003471*)
HV-CWP/HW-CWP series (1WMPD4003559*)

Note that the supplement applies to products with software version "P-1.20" or later. Please check "How to Confirm Applicable Products" below to see if the supplement applies.

- The following three functions have been added in the new version "P-1.20" or later.
- Main Specification Changes

	Old	New
Comparator memory	1	100
Preset memory	No memory function	With memory function
Operations when keys locked	Applies to key operations, external contacts, and commands too.	Only Key Operations are Included(External Contacts and Commands are Excluded)

How to Confirm Applicable Products

You can confirm whether this supplement applies by checking either the "software version" or the presence of a QR code on the display.

How to Check the Software Version

Press the 

ON/OFF
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 key to turn off the power.

While pressing the Tare key, press the 

ON/OFF
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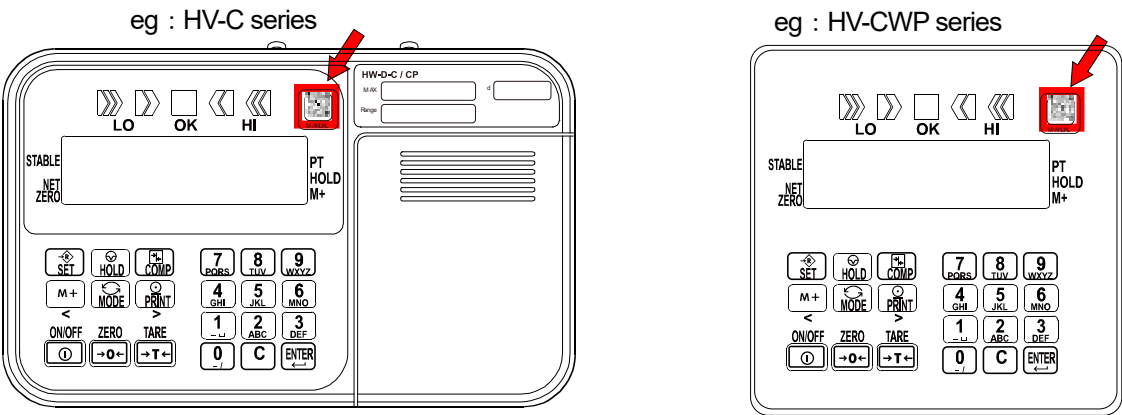
 key to display the software version 

P	-	xxx
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. When finished, press the ON/OFF key to turn off the power.

How to Check for the Presence of a QR Code

Check that there is a QR code on the upper right of the numeric display section of the indicator. (See the figure below)



1WMPD4005546

## Comparator Memory and Comparison Value Settings

All sections are supplementary content.

\* This feature may not be available depending on when the product was purchased.

### Comparator Memory Function

The comparator memory function can store multiple types of comparison value settings for the comparator function. It can store up to 100 types. (Memory numbers: 00 to 99)

#### How to Select Comparator Memory

From the mass display, press the **SET** key while pressing the **COMP** Limit key to enter the comparator memory setting mode.

\* If the comparator memory function is not available, the display will switch to the comparison value setting screen instead of the comparator memory setting.

The currently selected memory number (00 to 99) will be displayed.

Use the **0** to **9** keys to switch the display of memory numbers. The stability mark will light up for the currently selected memory number.

Enter the memory number you want to select and press the **ENTER** key to set the comparator memory. After **End** displaying, it will return to the mass display.

#### Setting Comparison Values

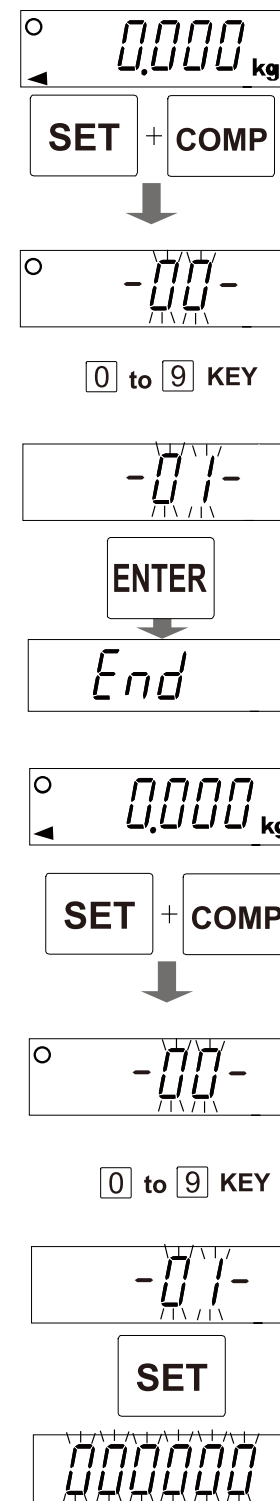
From the mass display, press the **SET** key while pressing the **COMP** Limit key to enter the comparator memory setting mode.

\* If the comparator memory function is not available, the display will switch to the comparison value setting screen instead of the comparator memory setting.

The currently selected memory number (00 to 99) will be displayed.

Use the **0** to **9** keys to switch the display of memory numbers. The stability mark will light up for the currently selected memory number.

Enter the memory number for which you want to set the comparison value and press the **SET** key to set the comparator memory and enter the comparison value setting mode.



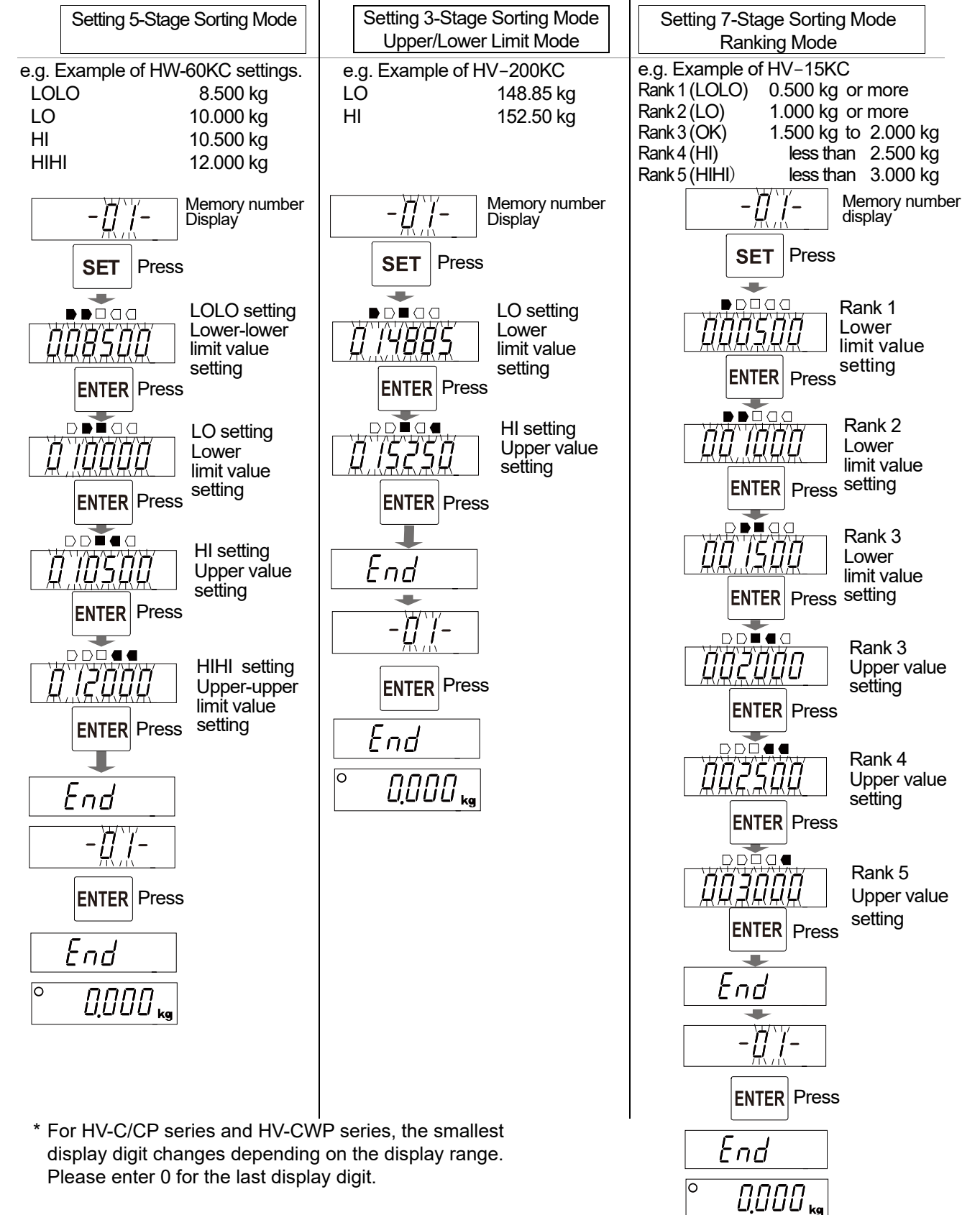
Please set each comparison value using the following key operations.

**0** to **9** : Numeric input **SET** : Toggle between + and - **ENTER** : Confirm (register) the set value **C** : Cancel

\* Each time you press the **SET** key, the "-" sign will repeatedly light up and turn off at the highest digit. When lit, it indicates a negative setting.

\* The 'K' models do not have the +/- toggle function with the Set key.

Once all settings are complete, the screen will return to the mass display after showing **End**. (Power-on zero is not taken at this time.)



\* For HV-C/CP series and HV-CWP series, the smallest display digit changes depending on the display range. Please enter 0 for the last display digit.