

**IMR03D02-E2** All Rights Reserved, Copyright © 2019, RKC INSTRUMENT INC.  
Thank you for purchasing this RKC product. In order to achieve maximum performance and ensure proper operation of the instrument, carefully read all the instructions in this manual. Please place the manual in a convenient location for easy reference. This manual describes basic key operations of the GZ400/GZ900.

For detailed handling procedures and key operations, refer to separate **GZ400/GZ900 Instruction Manual**.  
The manual can be downloaded from the official RKC website:  
<https://www.rkinst.co.jp/english/download-center/>

**Notes for the display**

GZ400/GZ900 are available in two types: single input type and dual input type.  
The dual input type is further categorized into two types: Dual PV type and PV + Remote setting type.

For a dual input model, the same parameter may exist in both Input 1 and Input 2.

"1." or "2." is added to the top of the parameters for identification.

Display example of the dual input type  
Input 1\_Set value (SV) 1. 5V  
Input 2\_Set value (SV) 2. 5V

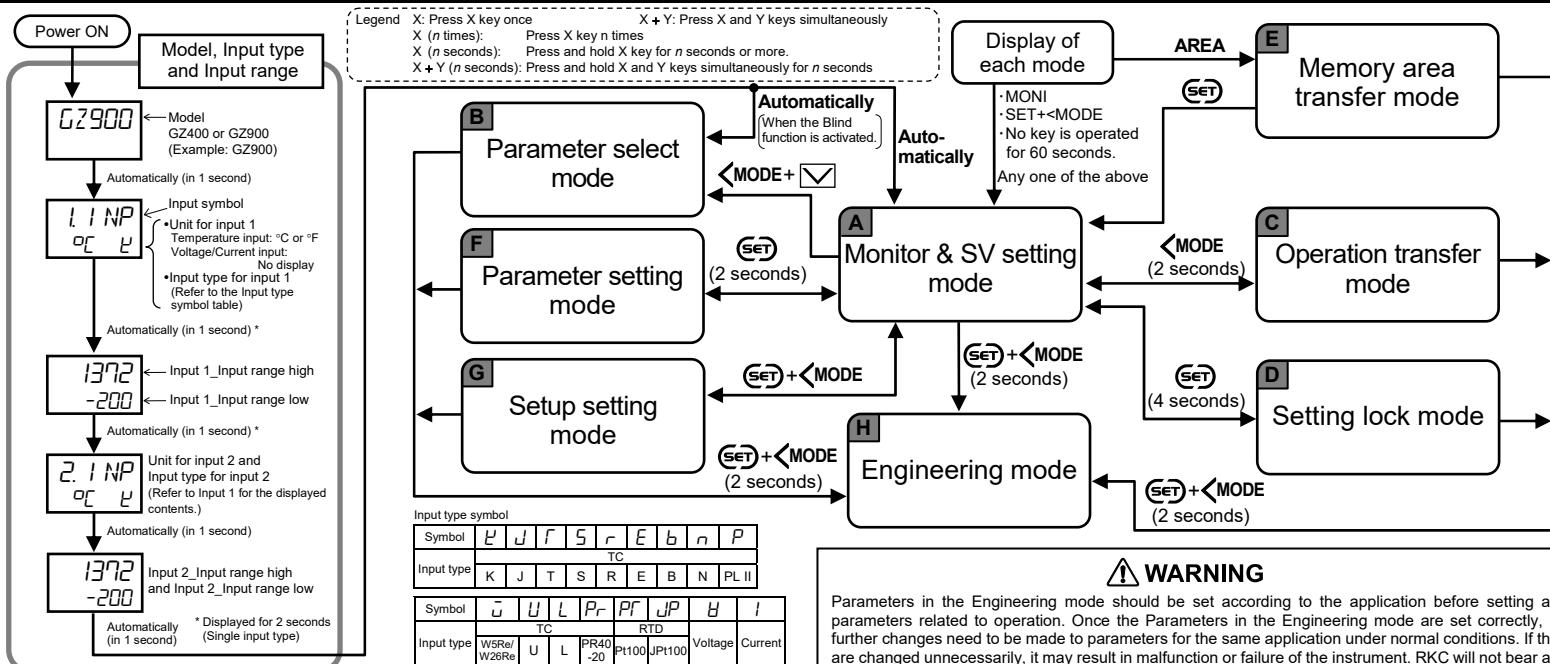
\*1." is not added to the top of the parameters list for the single input type.

Display example of a single input type  
Set value (SV) 5V

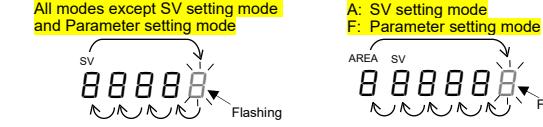
This manual uses the dual inputs for explanation. For other types such as a single input type, ignore the first character "1." at the top of the parameter.

[Notation in this manual]

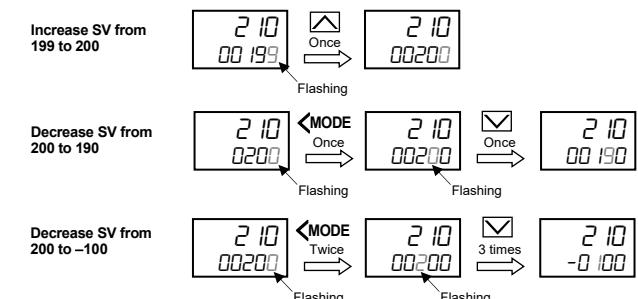
This part is not displayed on the single input type.  
Parameter shown only on the dual input type  
1. 5V

**1. SWITCHING BETWEEN MODES****2. CHANGING SET VALUE**

The flashing digit indicates which digit can be set. Press <MODE key to go to a different digit. Every time the shift key is pressed, the flashing digit moves as follows.



The following is also available when changing the set value.



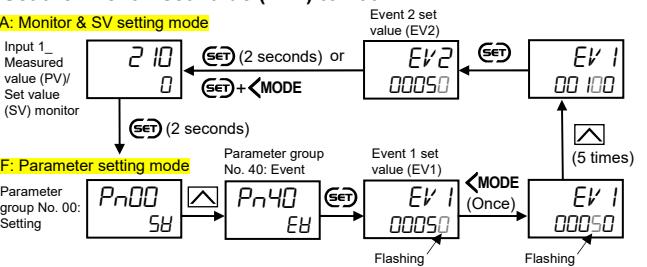
To store a new value for the parameter, always press the <SET> key. The display changes to the next parameter and the new value will be stored. The modified data will not be stored only by operating the [ ] and [ ] keys. In the Operation transfer mode, however, the selected mode will be valid only by the operations of these keys.

In case of the Set value (SV), the instrument can be configured in the H: Engineering mode so that the modified set value will be adopted 2 seconds after the change without pressing the <SET> key.

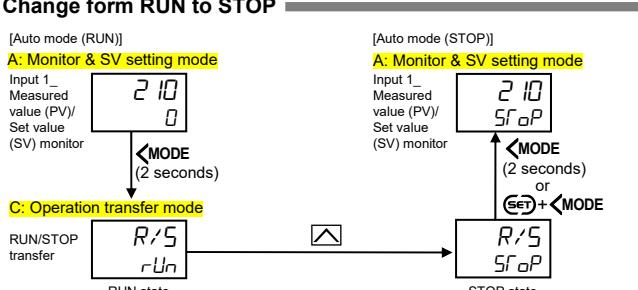
In case no operation is performed within 60 seconds after the change of the setting, the mode will return to A: Monitor and SV setting mode. The modified data will not be registered in this case.

**5. SET THE EVENT SET VALUE**

As shown below, the Event trigger values are set according to the preset event types.

**Set the Event 1 set value (EV1) to 100 °C****6. RUN/STOP TRANSFER**

The control is switched between RUN and STOP. The instrument must be stopped before attempting the setting in the Engineering mode.

**Change form RUN to STOP****Outline of memory area**

The Memory area function is to store up to 16 areas (patterns) of parameters such as a Set value (SV). This parameter can be found in the F: Parameter setting mode. Any one area out of 16 areas can be called up for the control.

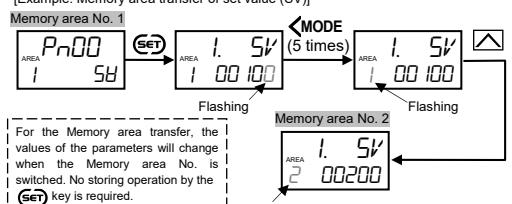
● Parameter groups in F: Parameter setting mode

No. 00 Setting	No. 56 Input 1_Cool control *
No. 40 Event *	No. 70 Memory area function
No. 51 Input 1_Control	No. 71 Input 1_Input knee point correction *
No. 52 Input 2_Control *	No. 72 Input 2_Input knee point correction *

\* May not be shown depending on the specification.

One memory area consists of eight parameter groups. To change a memory area number to another, when a certain parameter is displayed, press the <MODE> key to shift the flashing digit to the left until the flashing digit reaches the AREA digit.

[Example: Memory area transfer of set value (SV)]



For the Memory area transfer, the values of the parameters will change when the Memory area No. is switched. No storing operation by the <SET> key is required.

The Set lock level can be changed even after the set data lock has been set.

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