

LY72 Change of display resolution (polarity)

The operation method for changing the display resolution differs depending on the purpose and conditions of the change. Select the purpose and conditions to be changed from the table below and perform the operation.


Purpose of change	Operation	Explanation
Change the measurement unit resolution	Basic settings ⇒ Input axis ⇒ Change	Change the length measurement unit resolution in the basic settings. And check the display resolution in the detailed settings.
Change the display resolution	Advanced Settings ⇒ Display resolution ⇒ Change	Change the display resolution in the detailed settings
Change the display polarity (Counting direction is reversed)	Advanced Settings ⇒ Display resolution ⇒ Change polarity	Change the display resolution in the detailed settings
Diameter display (double count value)	Advanced Settings ⇒ Display resolution ⇒ Diameter display	Change to diameter display with display resolution in the detailed settings


* If you do not know the output resolution of the measurement unit, refer to the separate "Initial setup manual".

Basic settings ⇒ Input axis ⇒ Change

①

Set to basic settings mode.

Turn  key "ON" while the AC adapter is energized.

Press and hold  key for 3 seconds after the lamp changes from blinking to off.




②


When the display is , press  key three times.

When the display is , press  key twice..


The display will be . (Measurement unit disassembly)


③

Press  key of the axis you want to change and select the measurement unit resolution.

When you have made your selection, press  key to save your settings.



④



Press  key of the axis you want to change and select the measurement unit resolution.

When you have made your selection, press  key to save your settings.

⑤


Switch from basic settings to normal count mode.


Press  key once and the display will change to .

Press  key once and the display will change to .

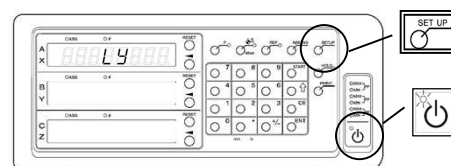
⑥

Press  key once to automatically switch to advanced settings mode.

The display will be .

Press  key, the display becomes the normal display.

LY72



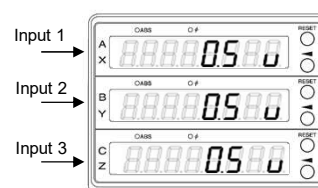
When ABC is selected in the label setting



When XYZ is selected in the label setting




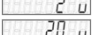

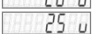




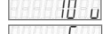
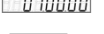






Display example when inputting 3 axes



Selection of measurement unit resolution

Standard Expansion


	
	
	
	
	
	
	
	
	

Extended key



Advanced Settings ⇒ Display resolution ⇒ Change

①


Set to advanced settings mode.


Press  key in normal count mode


The display will be .


Press  key once to display .


②

Press  key once to display the display resolution of each axis.

Press  key of the axis you want to change and select the resolution.

Please note that the  lamp lights up once every two times and the diameter display is set.

When you have made your selection, press  key to save your settings.

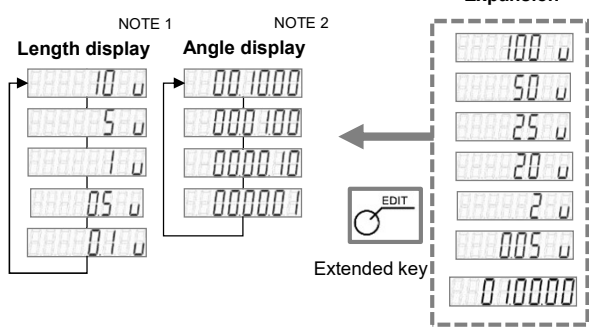
Press  key to return to the normal counting state.

Selection of display resolution

NOTE 1: Selection of a value smaller than the basic settings measurement unit resolution is not displayed.

NOTE 2: The angle display can be set when the angle resolution is selected in the basic settings.


Expansion





Advanced Settings ⇒ Display resolution ⇒ Change polarity

①


Set to advanced settings mode.

Press  key in normal count mode


The display will be .


Press  key once to display .


②

Press  key once to get the display resolution of each axis.

Press  key for the axis for which you want to change the polarity,

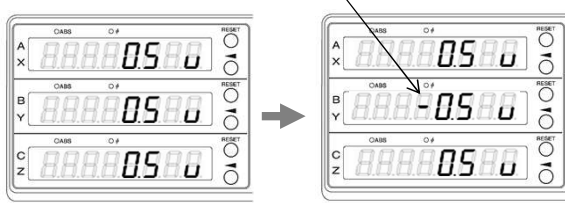
and then press  key.

When you have made your selection, press  key to save your settings.

Press  key to return to the normal counting state.

Example of changing the polarity of the display in the middle row


Before Change polarity After





Advanced Settings ⇒ Display resolution ⇒ Diameter display

①


Set to advanced settings mode.



Press  key in normal count mode


The display will be .


Press  key once to display .


②

Press  key once to get the display resolution of each axis.

Press  key of the axis you want to change to the diameter display and turn on the  lamp.

If the resolution changes, press  key again.

When you have made your selection, press  key to save your settings.

Press  key to return to the normal counting state.

Diameter display

