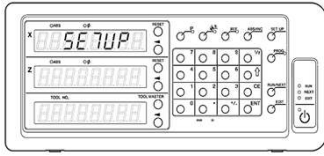


LH72 Initial setup (Example)

Display unit: LH72-3 (3 axes input)

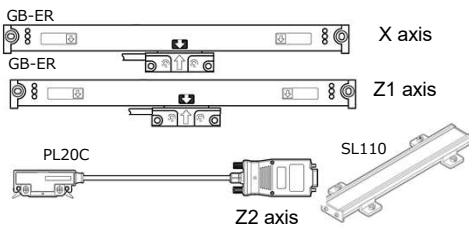
Since it is for lathes, set the X-axis with 1 axis and the Z-axis with 2 axes.

The detailed settings are the factory default settings.



Measuring unit

GB-ER (X axis, Z1 axis)
Output resolution: 0.5μm
SL110(Z1 axis) + PL20C
Output resolution: 10μm



Setting conditions

| | Setting items | Setting value (selection) |
|-------------------|----------------------------------|-------------------------------|
| Basic settings | ADD(Addition display) | 1 axis model is not displayed |
| | Destination | Japan |
| | Measuring unit resolution | default 0.5μm |
| Detailed settings | Display resolution* and polarity | default 0.5μm |
| | Scaling | default 1 time (1.000000) |
| | Compensation value | default No setting (OFF) |
| | Flicker control | default Strong (2) |
| | Sleep | default No setting (OFF) |

* The initial value is the measurement unit resolution set in the basic settings.

START

Set to basic setting mode

When the power is turned on for the first time after shipment from the factory

Connect the AC adapter and
Turn on the primary power supply

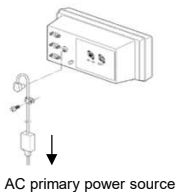
(Not key)

When you want to change the basic settings

AC adapter is energized.

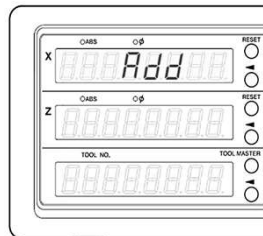
Turn on key, the LED light changes from "blinking" to "off" and then

Press and hold key for 3 seconds.



AC primary power source

The following display appears



For LH72-3

Power ON → About 2 sec

① When the display is , press the key on the right side once.

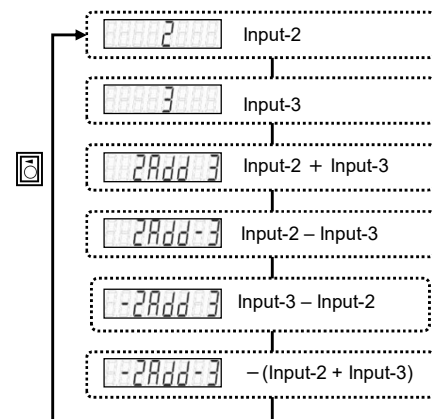
The display will be . (No addition, Z-axis input-2)

Press key to select the addition function..



Select to set the Z-axis display to input-2 + input-3.


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


Selection of addition function




Continued on the next page



② Press  key once and the display will change to  . (Destination selection mode).


Press  key on the right side of the display once..

The display will change to  .

Press the key twice to set the destination selection to  .


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


③ Press  key once. The display will be  . (Measurement unit resolution)

Press  key on the right side of the display once to check the current measurement unit resolution.

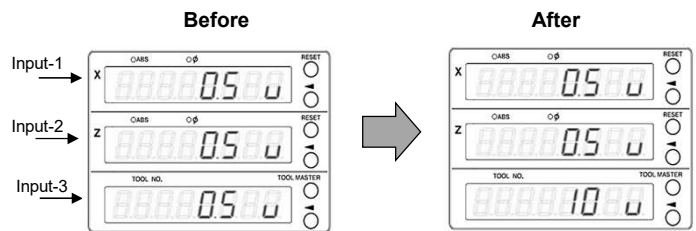
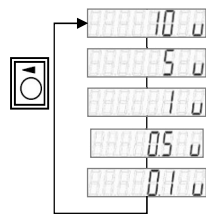
Confirm that the resolution of input-1 and input-2 is 0.5 μ m.

Change the resolution of input 3 from 0.5 μ m to 10 μ m.

Press  key on the right side of input-3 6 times to select 10 μ m.

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

Length display resolution







Length measuring unit to connect



Input 1: X-axis, resolution 0.5 μ m (GB-ER)


Input 2: Z1 axis, resolution 0.5 μ m (GB-ER)


Input 3: In the case of Z2 axis, SL110 + PL20C, the resolution is changed from 0.5 μ m to 10 μ m.

④ Press  key once, the display will change to  .


Press  key once, the display will change to  .


⑤ Press  key once, it will automatically switch to the advanced setting mode and the display will change to  .


Press  key once and check that the display resolution is set to the correct resolution setting.

(If you change the polarity, press  key)

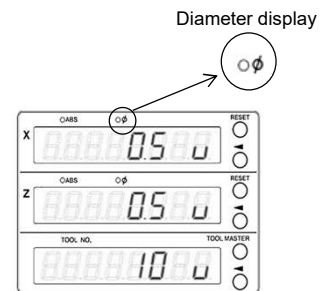
Input 1 is X-axis, so change it to diameter display.

You can select the resolution and diameter indicator lamp by pressing the X-axis  key.

When the selection is complete, press  key to save the settings.

⑥ When you press  key, the display becomes the normal display.

This completes the initial settings



Confirmation of resolution

Finished