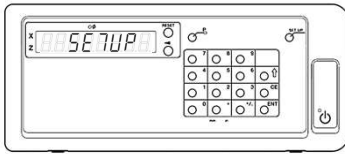
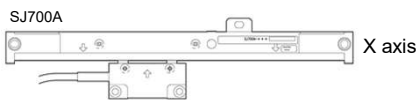


# LG20 Initial setup (Example)

## Display unit: LG20-1 (1 axis input)



**Measuring unit**  
**SJ700A (1 axis)**  
**Output resolution: 5µm**



### Setting conditions

The detailed settings are the factory default settings.

	Setting items	Setting value (selection)	
Basic settings	Destination	COUNT729	default STD 57888
	Measuring unit resolution	510 RES	5µm 50
Detailed settings	Display resolution* and polarity	DSP RES	5µm 50
	Display switching	INPUT CHANGE	default Input 1: IN-1
	Axis label	LABEL	default Display : X
	Compensation value	ERR SET	default No setting (OFF) ERR OFF
	Flicker control	FLICKER	default Strong (2) 2
	Sleep	SLEEP	default No setting (OFF) OFF

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

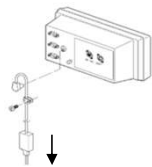
### START

#### 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)



AC primary power source

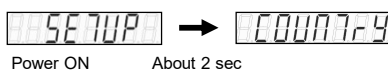
When you want to change the basic settings

AC adapter is energized. Turn on key, the LED light changes from "blinking" to "off" and then Press and hold key for 3 seconds.

#### The following display appears



For LG20-1, LG20-2



Power ON About 2 sec

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

The display will be . (Destination selection mode)

( If you want to change the destination, press key. )

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

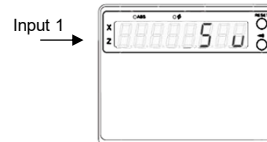
② Press key once.

The display will be . (Measurement unit resolution)

Press key to check the current measurement unit resolution.

If the resolution is not 5µm, press key to change it.

After checking the resolution, press key to save the settings.



Confirm that the resolution of input 1 is 5 µm (SJ700A scale).  
\* 10 µm "10U" for Digiruler PL20C

③ 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 .

④ Press key once to automatically switch to advanced settings mode.

The display will be . Press key once.

Confirm that the display is display.

(Press key to change the polarity)

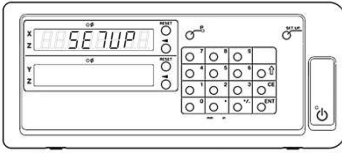
When the selection is complete, press key to save the settings.

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

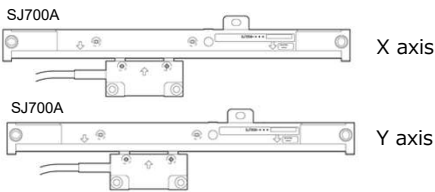
This completes the initial settings

### Finished

## Display unit: LG20-2 (2 axes input)



**Measuring unit**  
**SJ700A (2 axes)**  
**Output resolution: 5μm**



### Setting conditions

The detailed settings are the factory default settings.

	Setting items	Setting value (selection)
<b>Basic settings</b>	Destination	default STD
	Measuring unit resolution	5μm
<b>Detailed settings</b>	Display resolution* and polarity	5μm
	Display switching	default Input 1 : Upper display Input 2 : Middle display
	Axis label	default Upper : X, Middle : Y
	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

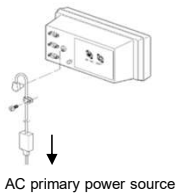
Connect the AC adapter and Turn on the primary power supply

(Not key)

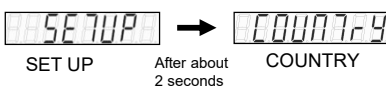
When you want to change the basic settings

AC adapter is energized. Turn on key, the LED light changes from "blinking" to "off" and then Press and hold key for 3 seconds.

#### The following display appears



For LG20-1, LG20-2



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

The display will be . (Destination selection mode)

( If you want to change the destination, press key. )

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

②

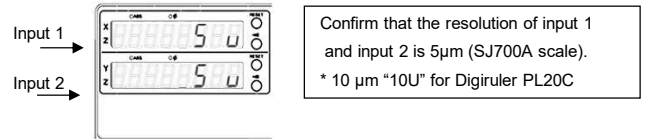
Press key once.

The display will be . (Measurement unit resolution)

Press key to check the current measurement unit resolution.

If the resolution is not 5μm, press key to change it.

After checking the resolution, press key to save the settings.



Confirm that the resolution of input 1 and input 2 is 5μm (SJ700A scale).  
\* 10 μm "10U" for Digiruler PL20C

③

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 .

④

Press key once to automatically switch to advanced settings mode.

The display will be . Press key once.

Confirm that the display is display.

(Press key to change the polarity)

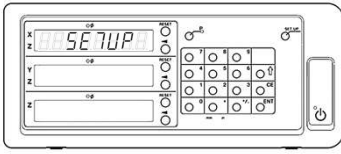
When the selection is complete, press key to save the settings.

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

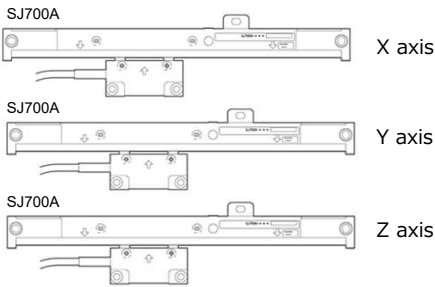
This completes the initial settings

Finished

## Display unit: LG20-3 (3 axes input)



**Measuring unit**  
**SJ700A (3 axes)**  
**Output resolution: 5µm**



### Setting conditions

The detailed settings are the factory default settings.

	Setting items	Setting value (selection)
<b>Basic settings</b>	Destination	default STD
	Measuring unit resolution	5µm
<b>Detailed settings</b>	Display resolution* and polarity	5µm
	Display switching	default Input 1: Upper display Input 2: Middle display Input 3: Lower display
	Axis label	default Upper : X, Middle : Y, Lower : Z
	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.

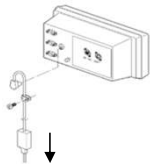
### START

#### 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)



AC primary power source

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.

#### The following display appears

For LG20-3

SET UP → COUNTRY  
After about 2 seconds



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

The display will be . (Destination selection mode)

( If you want to change the destination, press key. )

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

②

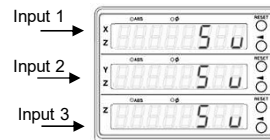
Press key once.

The display will be . (Measurement unit resolution)

Press key to check the current measurement unit resolution.

If the resolution is not 5µm, press key to change it.

After checking the resolution, press key to save the settings.



Confirm that the resolution of input 1 is 5 µm (SJ700A scale).  
\* 10 µm "10U" for Digiruler PL20C

③

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 .

④

Press key once to automatically switch to advanced settings mode.

The display will be . Press key once.

Confirm that the display is display.

(Press key to change the polarity)

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

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

This completes the initial settings

Finished