

# Wired Production Control display 21UD Series

## 21UD-2

You can have your choice.



21UD-2 Variation. Please select to suit your using.

■Display type  
Standard type Display type LED  
21UD-2-□□□-□  
21UDW-2-

Please select the display type from below.



Big size



21UD-2-12-G

## 21UDE-2

You can have your choice.



21UDE-2 Variation. Please select to suit your using.

■Display type  
Standard type Display type LED  
21UDE-2-□□□-R  
21UDEW-2-

Please select the display type from below.



Middle size



21UDE-2-12-R

## 21UD-3

You can have your choice.



21UD-3 Variation. Please select to suit your using.

■Display type  
Standard type Display type LED  
21UD-3-□□□-□  
21UDW-3-

Please select the display type from below.



Big size



21UD-3-123-G

## 21UDE-3

You can have your choice.



21UDE-3 Variation. Please select to suit your using.

■Display type  
Standard type Display type LED  
21UDE-3-□□□-R  
21UDEW-3-

Please select the display type from below.



Middle size



21UDE-3-123-R

## 21UD-4

You can have your choice.



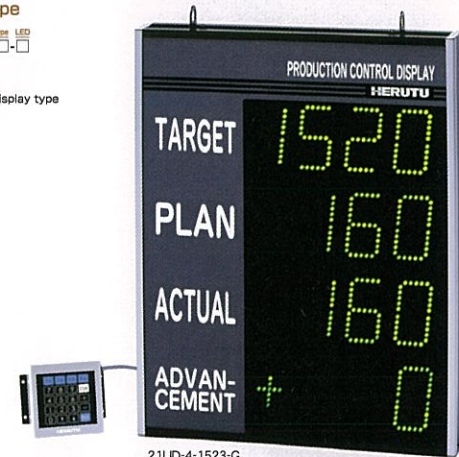
21UD-4 Variation. Please select to suit your using.

■Display type  
Standard type Display type LED  
21UD-4-□□□-□  
21UDW-4-

Please select the display type from below.



Big size



21UD-4-1523-G

## 21UDE-4

You can have your choice.



21UDE-4 Variation. Please select to suit your using.

■Display type  
Standard type Display type LED  
21UDE-4-□□□-R  
21UDEW-4-

Please select the display type from below.



Middle size



21UDE-4-1523-R



## 21UD5-3

We are also preparing 5digit type for Big size



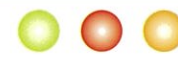
21UD5-3-123-C

### Wired production control display Model name

Machine type	Items	Display type	LED
UD (Big size 4digit single side)	2 (items)	2items 12 52 15 23 24	G(Green)
UDW (Big size 4digit both side)			
UD5 (Big size 5digit single side)	3 (items)	3items 123 523 124 524 152	R(Red)
UD5W (Big size 5digit both side)			
UDE (Middle size 5digit single side)	4 (items)	4items 1523 1524	R (Red only)
UDEW (Middle size 5digit both side)			

# Compact Production control Indicator

## SD-4



MONITOR LED

Indicate working situation by LED lump

COMPACT

SIMPLE

LOW PRICE

### FEATURES

1. Compact, Simple, Low Price
2. Bright & easy-to-see 1-inch red color 7-segment LED display
3. For an operation type, you may make a choice from among the seven patterns in all by a combination of "TARGET", "ACTUAL", "ADVANCEMENT", "ACHIEVEMENT", "PLAN", and "TACT".
4. Can grasp working situation by operating status LED
5. Includes the battery backup function, which allows data to be maintained even at a power failure.
6. Can select between use and no use of the Working hour. When the Working hour is not used, a switchover is made between the operating and stopped status in response to ON/OFF of external contact inputs.
7. Power source is using AC ADAPTOR, input voltage is AC100-240V.
8. SD-4 has been tested and found to comply with FCC Rules.



Working Stopped During rest break



### SPECIFICATIONS

Display	4-digit x 3-line Single-sided High-luminance 7-segment LED Character height: 25.4mm Operating status monitor LED x 1/Power LED x 1
Operating Power Voltage	DC12V(Available AC ADAPTOR:input AC100-240V)
Power consumption	200mA(at DC12V)
Dimensions	240(W) x 165(H) x 32(D) mm(projections excluded)
Weight	Approx. 1.5kg
Working environment	Temperature: 0-50°C Humidity: 80% or less (no condensation)
Back up	Data backup: Approx. 2 weeks Nickel-hydrogen storage battery Clock backup: Approx. 5 years Coin type lithium battery (CR2032)
Input	Non-voltage contact input x 2: (Actual count x 1/Stop input x 1)

# Multi Counter MCII/MCEII

Counter

Stop watch

Watch

MCII/MCEII is multifunction display. It is able to select 3 functions.



### FEATURES

1. Have 3 function modes of Counter, Stop watch and Watch.
2. Have 2 output functions at Zero and Equal.  
When the count value reaches "0" or setting data, outputs the signal from terminal block.
3. Includes battery back up function, which allows data to be maintained even at a power failure.
4. Can use the preset function by using the keyboard unit "KE-2". "KE-2" is an available accessory.
5. Can change the acrylic character.

### SPECIFICATIONS

Model	MC II	MCE II
Display Contents	4 digit 1 Item/Red LED Character 110H x 60Wmm Single-sided	5digit 1Item/Red LED Character 55H x 30Wmm Single-sided
Indicator element	High-luminance 7-segment LED display	
Power source	AC100-200V (Max input range: AC100 ~ 240V)	
Power consumption	Max 25W	Max 10W
Size of case	600W x 600H x 80Dmm	400W x 210H x 65Dmm
Weight	About 5.4kg	About 2.9kg
Working environment	Temperature: 0-50°C Humidity: 85% or less (no dew drop)	
Input/Output	Non-voltage contact input x 4 point (UP, DW, CL, SFT) Key input x 1 (KEY, Option accessory) Relay output x 2 point (EO, ZO) Max rated relay contact load (resistance load) AC125V, 0.5A or DC24V, 1A Power output for keyboard x 1 (+5V, Option accessory)	
Accumulate value	Max 9999	Max 99999
Accumulate time	Max 99hour 59minutes 59seconds	

### Display type

1 TARGET

The target quantity of production today

2 ACTUAL

The quantity of production up to the present

3 ADVANCEMENT

The degree of advancement in either "+" or "-" sign to the planned quantity of production at the present

4 ACCOMPLISH RATE

The Accomplishment rate (%) of actual to the planned quantity of production at the present

5 PLAN

The planned quantity of production at the present

### 2 items type

1 2



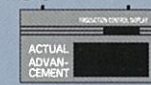
5 2



1 5



2 3



2 4



### 3 items type

1 2 3



5 2 3



1 2 4



5 2 4



1 5 2



### 4 items type

1 5 2 3



1 5 2 4





## Specification of every model

Type	Size	7segment LED	Character size	Weight S:Single B:Both	Power consumption S : Single B : Both	Environment(Temp) S : Single B : Both
Big size 4digit 2items 21UD-2/21UDW-2	600W×445H×80Dmm	Red or Green	110H×60Wmm	S : 7.2kg B : 7.6kg	S : 38W B : 63W	S : 0-50°C B : 0-50°C
Big size 4digit 3items 21UD-3/21UDW-3	600W×600H×80Dmm	Red or Green	110H×60Wmm	S : 9.0kg B : 9.8kg	S : 47W B : 88W	S : 0-50°C B : 0-40°C
Big size 4digit 4items 21UD-4/21UDW-4	600W×755H×80Dmm	Red or Green	110H×60Wmm	S : 11.0kg B : 12.0kg	S : 59W B : 111W	S : 0-50°C B : 0-40°C
Big size 5digit 2items 21UD5-2/21UD5W-2	600W×445H×80Dmm	Red or Green	110H×60Wmm	S : 7.4kg B : 8.1kg	S : 44W B : 84W	S : 0-50°C B : 0-40°C
Big size 5digit 3items 21UD5-3/21UD5W-3	600W×600H×80Dmm	Red or Green	110H×60Wmm	S : 9.2kg B : 10.1kg	S : 58W B : 111W	S : 0-50°C B : 0-40°C
Big size 5digit 4items 21UD5-4/21UD5W-4	600W×755H×80Dmm	Red or Green	110H×60Wmm	S : 11.4kg B : 12.4kg	S : 82W B : 141W	S : 0-40°C B : 0-40°C
Middle size 5digit 2items 21UDE-2/21UDEW-2	400W×285H×65Dmm	Red	55H×30Wmm	S : 3.7kg B : 3.9kg	S : 15W B : 25W	S : 0-50°C B : 0-50°C
Middle size 5digit 3items 21UDE-3/21UDEW-3	400W×360H×65Dmm	Red	55H×30Wmm	S : 4.2kg B : 4.5kg	S : 19W B : 34W	S : 0-50°C B : 0-50°C
Middle size 5digit 4items 21UDE-4/21UDEW-4	400W×435H×65Dmm	Red	55H×30Wmm	S : 5.0kg B : 5.4kg	S : 24W B : 44W	S : 0-50°C B : 0-50°C

※Humidity is 85% or less(No dew drop)



## Specification of input and output

Model	Wired production control indicator
Input	Non-voltage contact input x 5-point
Output	For Keyboard unit(KE-2) x 4-point Open collector output x 2-point Max output voltage DC35V Max output current 50mA Relay contact output x 2-point Max rated relay contact load (resistance load) AC125V0.5A or DC24V1A
Power Source	AC100-200V (Max input range: AC100~240V) Power code (2P) VCTF 1.25mm <sup>2</sup> (with shield,0.2mm <sup>2</sup> ) Length: approx. 1.5m

## Keyboard unit

Model	KE-2
Keyboard	Membrane switch with 20 keys
Input/Output	Input Power +DC5V Output Signal key1/ Signal key2 Common GND
Size of case	120W x 100H x 35Dmm
Weight	About 550g
Communication cable	4 cores cable (with shield,0.2mm <sup>2</sup> )



## You can use easily because necessary function is pre-installed.

Working time setting	You can set "Working time" through 20 ranges a day. This machine has 6 working pattern. You can select working pattern in time with "Over time work" "Early shift" "Late shift" from 6 pattern.
Clear time setting	Clear "Planned Number" "Actual Number" to "0", up to 3 times a day.
Pre-scale function	Allows you to set the number of multiples or bundles for the actual input.
Extensive input and output	The machine has "Subtraction input" "Momentary pause input" "Clear input" Also has "Progress response function output" "During pause output" "During setup output"

**HERUTU**

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# Production Control Systems

**21series**  
Production control display

**HERUTU**