

<b>Microprocessor-based Inkless Recorder</b>	
<b>Industrial &amp; Marine application</b>	<b>Model: RC-LK-IR7000</b>

## DESCRIPTION

IR7000 series is 50mm compact hybrid recorder to display measuring value using LCD matrix display after measuring a wide variety of industrial inputs including temperature and analog and to record the data on record paper by direct thermal printing type. It is able to back-up the data by data logger function even if recording paper is empty and to transmit the measuring value in real-time.



## FEATURES

- 50mm direct thermal printing type recorders
- Paperless recording data logger function
- PC parameter setting and real-time monitoring
- 0.2% high accuracy multi input (RTD, TC, Analog)
- 2 channel synchronous recording – graphic mode/digital mode
- Improved visibility with LCD dot matrix and easy parameter setting
- Various optional I/O functions available

## Specification

- \* Input Channel : 1 / 2 channel
- \* Multi Input : RTD, TC, Analog
- \* Indication Accuracy :  $\pm 0.2\%$  F.S  $\pm 1$  digit
- \* Option I/O : DI Input (2contacts), Alarm output (2EA/CH), RS485 communication output (Modbus RTU)
- \* Recording Speed
  - Graphic mode : 10 / 30 / 60 / 120 / 240 / 480 / 960(mm/h)
  - Digital mode : 5sec ~ 99 min 59 sec

## Application

- Applicable to Thermo-hygrostat, laboratory equipment for temperature recording and refrigerator car

LOW GOST VERSION

## ORDERING INFORMATION

IR7 - 2 0 0 4 - 4 0  
 ①            ②            ③            ④            ⑤            ⑥            ⑦

① Item/Series	IR7	LKS Inkless Recorder(50mm)
② The number of channel	1	1 Channel
	2	2 Channel
③ Ch1 Control output	0	None
④ Ch2 Control output	0	None
⑤ Alarm output	0	None
	2	Alarm output 2 EA ※1
	4	Alarm output 4 EA ※2
⑥ Option output	0	None
	4	Communication output (RS485)
⑦ Power supply	0	85 ~ 264VAC, 47 ~ 63Hz

		85 ~ 264VAC, 47 ~ 63Hz	
		None	Communication output (RS485)
1 Channel	Alarm 0 EA	IR7-1000-00	IR7-1000-40
	Alarm 2 EA	IR7-1002-00	IR7-1002-40
2 Channel	Alarm 0 EA	IR7-2000-00	IR7-2000-40
	Alarm 2 EA	IR7-2002-00	IR7-2002-40
	Alarm 4 EA	IR7-2004-00	IR7-2004-40

※1. In case of selection of 2 channel model, it is able to use 2 alarm outputs by means of alarm output of ch1. Therefore it is not possible that Ch1 has 1 alarm and Ch2 has 1 alarm separately.

※2. It is able to be selected in case of only 2 channel model.

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