



## Specifications

### Recording and indicating section

#### Input :

- Potentiometer type ; Millivolt, thermocouple, radiometric pyrometer, etc.
- Wheatstone bridge type ;
  - Ni resistance bulb...Span of 10°C or more. (3-wire system with 10Ω or less in resistance.)
  - Pt resistance bulb...Span of 25°C (100Ω at 0°C), 50°C (50Ω at 0°C) or more. (3-wire system with 5Ω or less in resistance.)
- AC bridge type ; Hygrometer
- 4~20 mA DC current

#### Recording method :

- Pen draw type ; J153X10, 11, 12, 17
- Cyclic printing type ; J153X60, 64, 67, 72

#### Number of record :

- Pen draw type ; 1-pen (Red)
- Cyclic printing type ; 2, 3, 4, 6, 8, 12, 16-point (Printing color sequence is purple, red, black, blue, green and brown.)

#### Chart :

- Type of chart ; Strip type
  - Chart width ; 305 mm
  - Calibrated width ; 279.4 mm
  - Chart length ; 38.1m (30 days with 2-inch/hr. speed)
  - Chart speed ;
    - J153X10, 60.....1, 2, 3, 4-inch/hr.
    - J153X11, 64.....2, 4, 6, 8-inch/hr.
    - J153X12, 72.....6, 12, 18, 24-inch/hr.
    - J153X17, 67.....30, 60, 90, 120-inch/hr.
- (1-inch=25.4 mm)

#### Scale :

- Type of scale ; Horizontal type
- Scale length ; 279.4 mm

#### Pen and printing wheel speed :

- J153X10, 60 ; 24 sec./FS (60 Hz), 30 sec./FS (50 Hz)
- J153X11, 64 ; 12 sec./FS (60 Hz), 15 sec./FS (50 Hz)
- J153X12, 72 ; 4.5 sec./FS (60 Hz), 5.5 sec./FS (50 Hz)
- J153X17, 67 ; 1.7 sec./FS (60 Hz), 2 sec./FS (50 Hz)

#### Printing interval : (For cyclic printing type)

- J153X60 ; 30 sec./point (60 Hz), 36 sec./point (50 Hz)
- J153X64 ; 15 sec./point (60 Hz), 18 sec./point (50 Hz)
- J153X72 ; 5 sec./point (60 Hz), 6 sec./point (50 Hz)
- J153X67 ; 2 sec./point (60 Hz), 2.4 sec./point (50 Hz)

#### Accuracy :

- Potentiometer type ; ±0.25% FS (Over 12 mV span) ±0.03 mV (Under 12 mV span)
- Wheatstone bridge type ; ±0.25% FS (For Ni span 10°C or more and Pt span 50°C (100Ω), 100°C (50Ω) or more.)
- AC bridge type ; ±0.5% FS
- 4~20 mA DC type ; ±0.25% FS

#### Sensitivity :

- Potentiometer type ; 0.035% (Over 12 mV span) 0.004 mV (Under 12 mV span)
- Wheatstone bridge type ; 0.035%

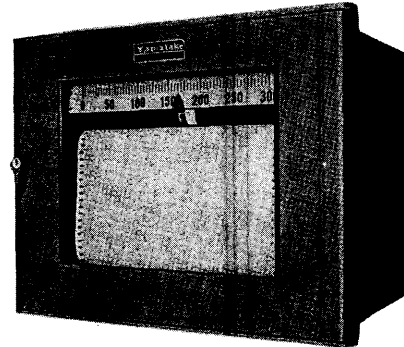
### Common section

- Power supply : AC 100V ±10%, 50 or 60 Hz ±2 Hz
- Power consumption : 60 VA
- Ambient temperature limit : 0~50°C
- Ambient humidity limit : 10~85% RH
- Installation : Indoor panel or wall mounting
- Case :
  - Material ; Aluminum die-cast and steel plate
  - Color finish ; Dark beige
- Weights : Approx. 40 kg

## ELECTRONIK 15

### STRIP CHART RECORDER

MODEL : J153X10, J153X11, J153X12, J153X17  
J153X60, J153X64, J153X67, J153X72



### Options

Following options are available.

#### ① Auxiliary switch unit :

- Back set type micro switch ; Action...  $\rightarrow \leftarrow$  , SPDT (081 type)  $\rightarrow \leftarrow \rightarrow \leftarrow$  , 2SPDT (082 type)
- Micro switch rating...AC 250V, 5A

#### ② Chart speed selection :

Chart speed inch/hr. (1 inch=25.4 mm)	Key No.				J153X10	J153X11	J153X12	J153X17	J153X60	J153X64	J153X67	J153X72
	1/2	1	3/2	2								
1	2	3	4	⊙	○				⊙	○		
2	4	6	8	○	⊙					⊙		
3	6	9	12			○						○
6	12	18	24	○	○	⊙						⊙
30	60	90	120			○	⊙				⊙	

Note) ⊙...Standard speed, ○...Semi-standard speed

#### ③ Intrinsic-safety use (Semi-standard option Y-45)

Intrinsic-safety code : i3nG5

#### Input :

- Ni 500Ω (0°C) ; -100~+250°C
- Pt 50Ω and 100Ω (0°C) ; -200~+600°C
- IC ; -100~+1000°C
- CA ; -50~+1400°C
- PR ; 0~2000°C
- CC ; -200~+400°C
- CRC ; -200~+1000°C

## Yamatake-Honeywell Co., Ltd.

Main Office : Marunouchi Yaesu Bldg., 2-6-2 Marunouchi, Chiyoda-ku, Tokyo, Japan  
Tel; Tokyo (211) 7261

Cable Address; YAMATAKE CO. TOKYO

Sales Offices : Tokyo, Osaka, Nagoya, Hiroshima, Kita-Kyushu, Tomakomai, Sapporo, Sendai, Kashima, Chiba, Toyama, Yokkaichi, Sakai, Himeji, Okayama, Niihama, Tokuyama, Fukuyama, Fukuoka, Oita, Nagasaki, Nobeoka.

