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**BAROMETER**

**BAR - 20 (02)**

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**SPECIFICATIONS**

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Specifications are subject to change without prior notice.

Rev.	Date	Revision history			ChangeNo.	Rep.
Create		October 6, 2017			<b>PANTOS CO., LTD.</b>	
Revision						
Text	3 pages	Writing	Check	Approve	Document number	Rev.
Figure	0 sheets	Kumeki	Takahata	Takahata	BAR20-02-0001	
Cover	1 sheet					

Product name <b>BAR-20</b>	Title <b>BAROMETER BAR-20(02) SPECIFICATIONS</b>
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### 1. Outline

Equipment for measuring atmospheric pressure.  
As for measured values, calibrated voltages can be taken out from a connector located on the rear panel.

### 2. Basic specifications

Model	BAR-20(02)
Name	Barometer
Function	Measurement of atmospheric pressure
Input	4.5 mm diameter (inner diameter : 3mm)

### 3. Measurement

Number of measurement display	1 element
Calculation	Atmospheric pressure
Measurement range	730mmHg ~ 800mmHg (97.325kPa ~ 106.658kPa) Maximum pressure 200kPa
Measurement accuracy	±0.25%/F.S.
Speed of response	10Hz(-3dB)

### 4. Output

Atmospheric pressure	0.46V ~ 0.60V / 730mmHg ~ 800mmHg (97.325kPa ~ 106.658kPa) Output = [Atmospheric pressure(mmHg) - 500] × 0.002V 1000mmHg = 1V 500mmHg = 0V
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Connector (3 pins) SRCN2A-3S

1	RECORDER OUT +
2	RECORDER OUT -
3	CHASSIS GND

Plug side : SRCN6A13-3P

### 5. Display

Display	Switch by switch When 730mmHg, it is displayed as "730.0". When 97.325kPa, it is displayed as "97.32".
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## 6. General information

Power supply	AC 85~132V	Approx. 6VAmax
Usage environment	Temperature	5 ~ 45 °C
	Humidity	35 ~ 85 %RH
Storage environment	0°C ~ 45°C	No dew condensation
External dimensions	270(W)×85(H)×200(D)mm (Projection things are not included.)	
Mass	Approx. 2kg	
Vibration	0.1G or below (5~55Hz)	
Impact	Unacceptable	

## 7. Accessories

Instruction manual	1
Test result	1
Fuse 0.5A	2
Power supply cable 2m	1

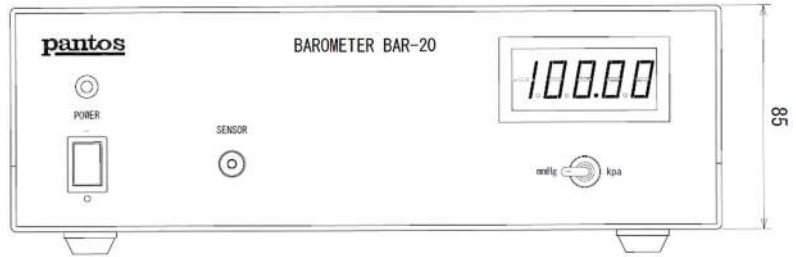
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Product name  
**BAR-20**

Title  
**BAROMETER BAR-20(02) SPECIFICATIONS**

**8. External drawing**

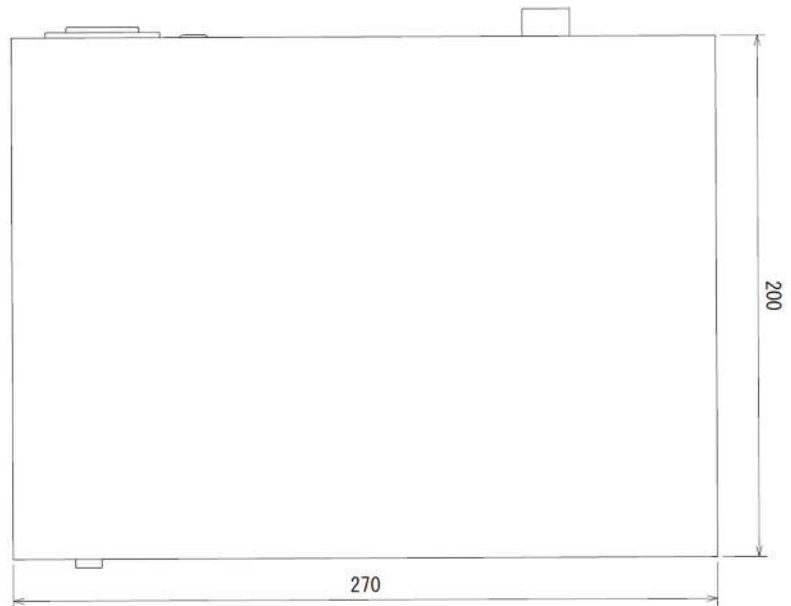
Front view



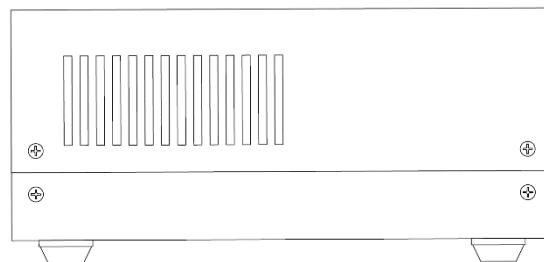
Rear view



Top view



Side view



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