
BAROMETER

BAR - 20 (03)

SPECIFICATIONS

Specifications are subject to change without prior notice.

Rev.	Date	Revision history			ChangeNo.	Rep.
	Create	October 6, 2017			PANTOS CO., LTD.	
	Revision					
Text	3 pages	Writing	Check	Approve	Document number	Rev.
Figure	0 sheets	Kumeki	Takahata	Takahata	BAR20-03-0001	
Cover	1 sheet					

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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(03)
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	0kPa ~ 133.31kPa (0mmHg ~ 1000mmHg) Maximum pressure 200kPa
Measurement accuracy	±0.25%/F.S.
Speed of response	10Hz(-3dB)

4. Output

Atmospheric pressure	2ch Isolation output 0V ~ 10.0V / 0kPa ~ 133.32kPa (0mmHg ~ 1000mmHg)
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)×250(D)mm (Projection things are not included.)	
Mass	Approx. 2.5kg	
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

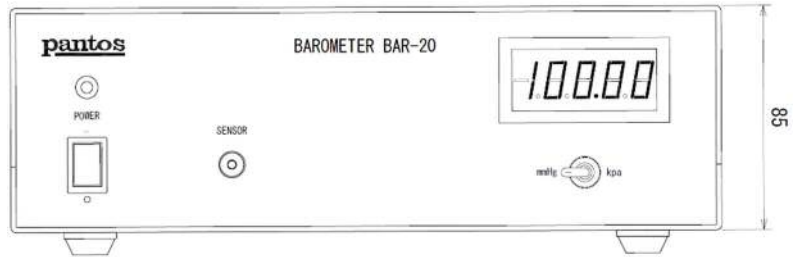
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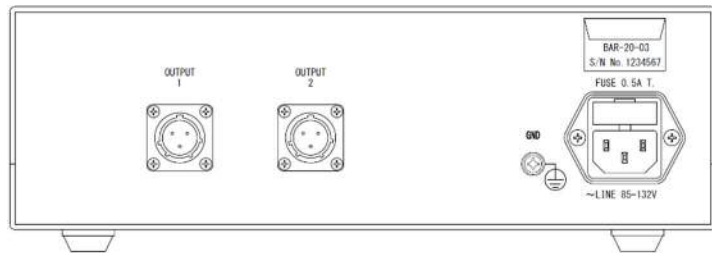
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8. External drawing

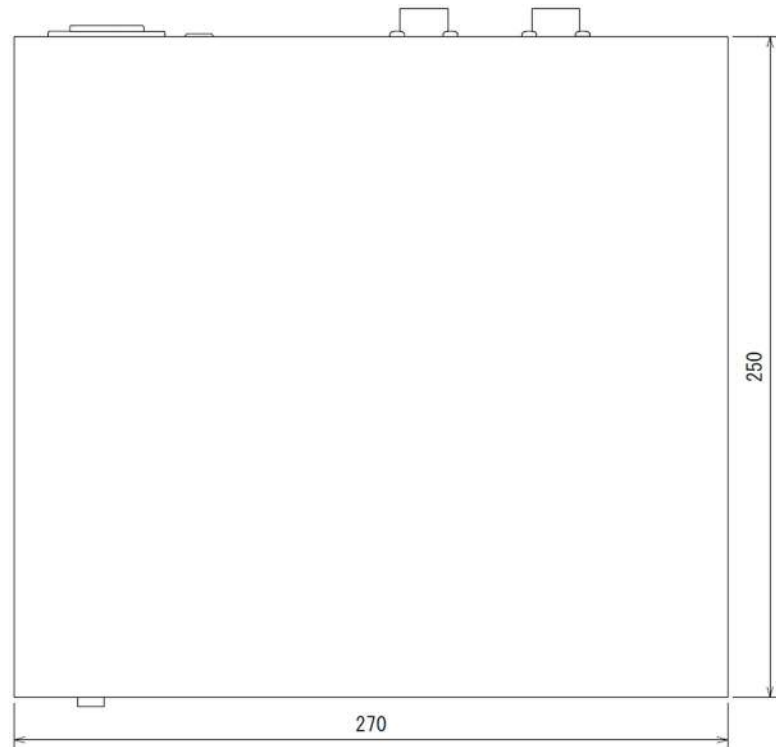
Front view



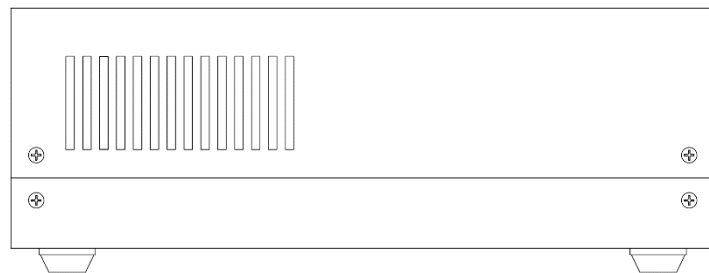
Rear view



Top view



Side view



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