

- Measuring range 0 ~ 1100/500 ~ 1100hPa
- Measuring accuracy 0.01%FS
- Support multiple pressure units to choose from
- 7 inch TFT touch screen for better user experience
- Support RS232/485, USB, LAN communication interfaces
- Built-in battery could support continuous work for 8 hours



APM1200

PRECISION ABSOLUTE PRESSURE METER



APM1200



APM1200

APM1200

PRECISION ABSOLUTE PRESSURE METER

APM1200 precision absolute pressure meter uses high-accuracy sensor, with excellent accuracy and stability. Optional measuring range 0~1100hPa and 500~1100hPa; accuracy could reach 0.01%FS.

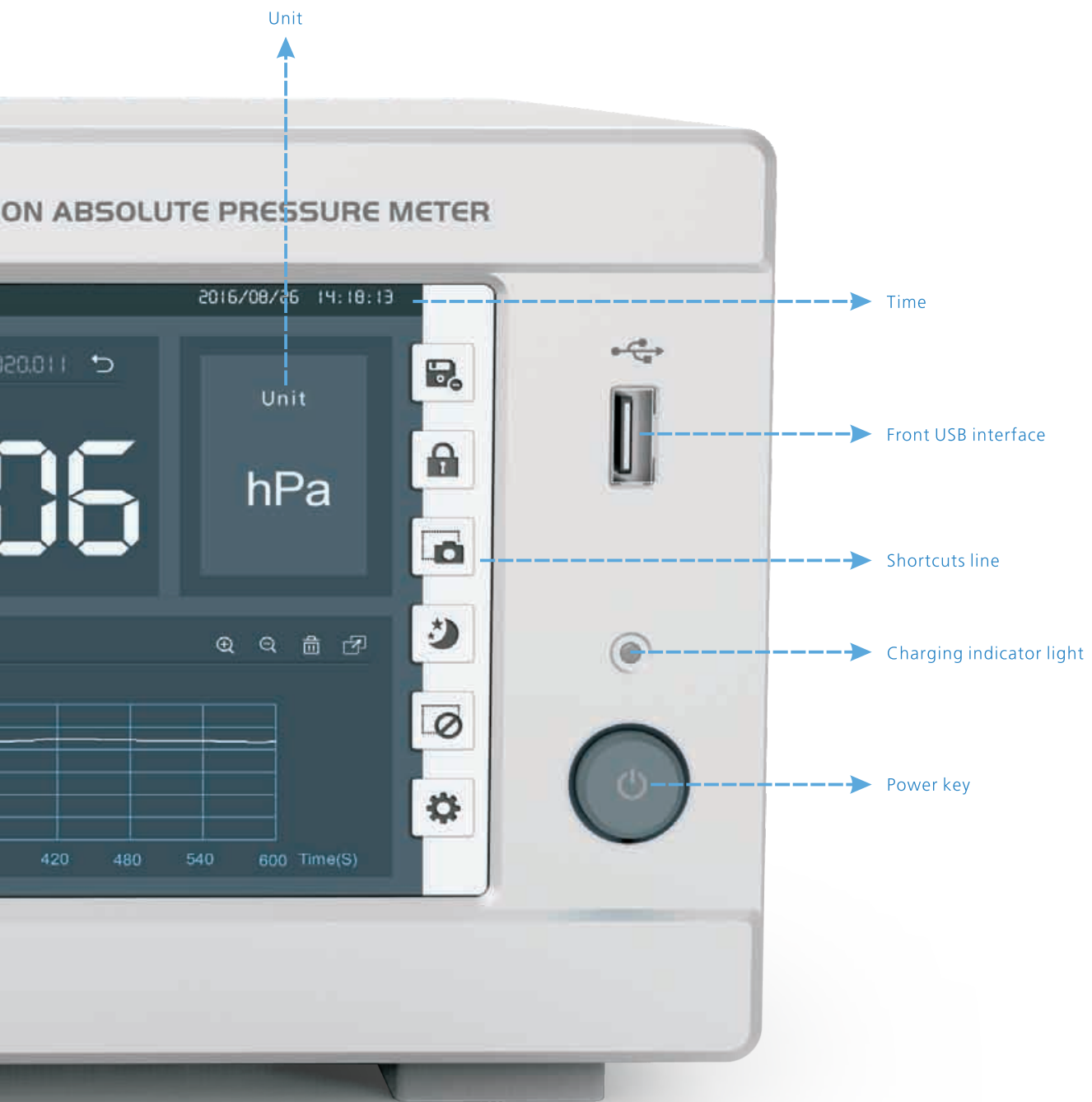
APM1200 is an ideal solution for efficient pressure calibration with humanized design, and its 7 inch TFT touchscreen could read the pressure value directly; multiple pressure units are optional; support communication interfaces like RS232/485, USB, LAN, etc.; Built-in battery could support continuous work for 8 hours.

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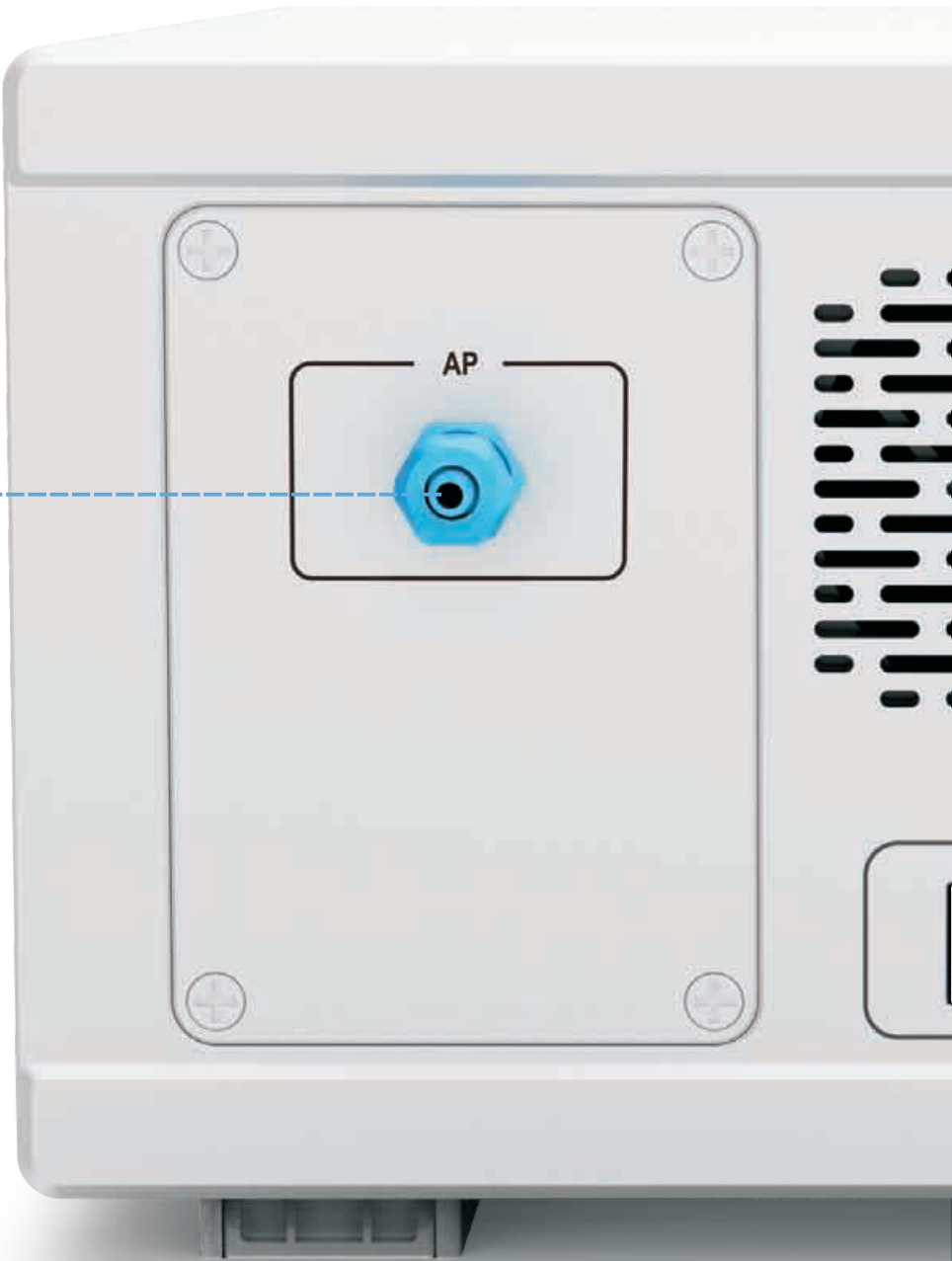


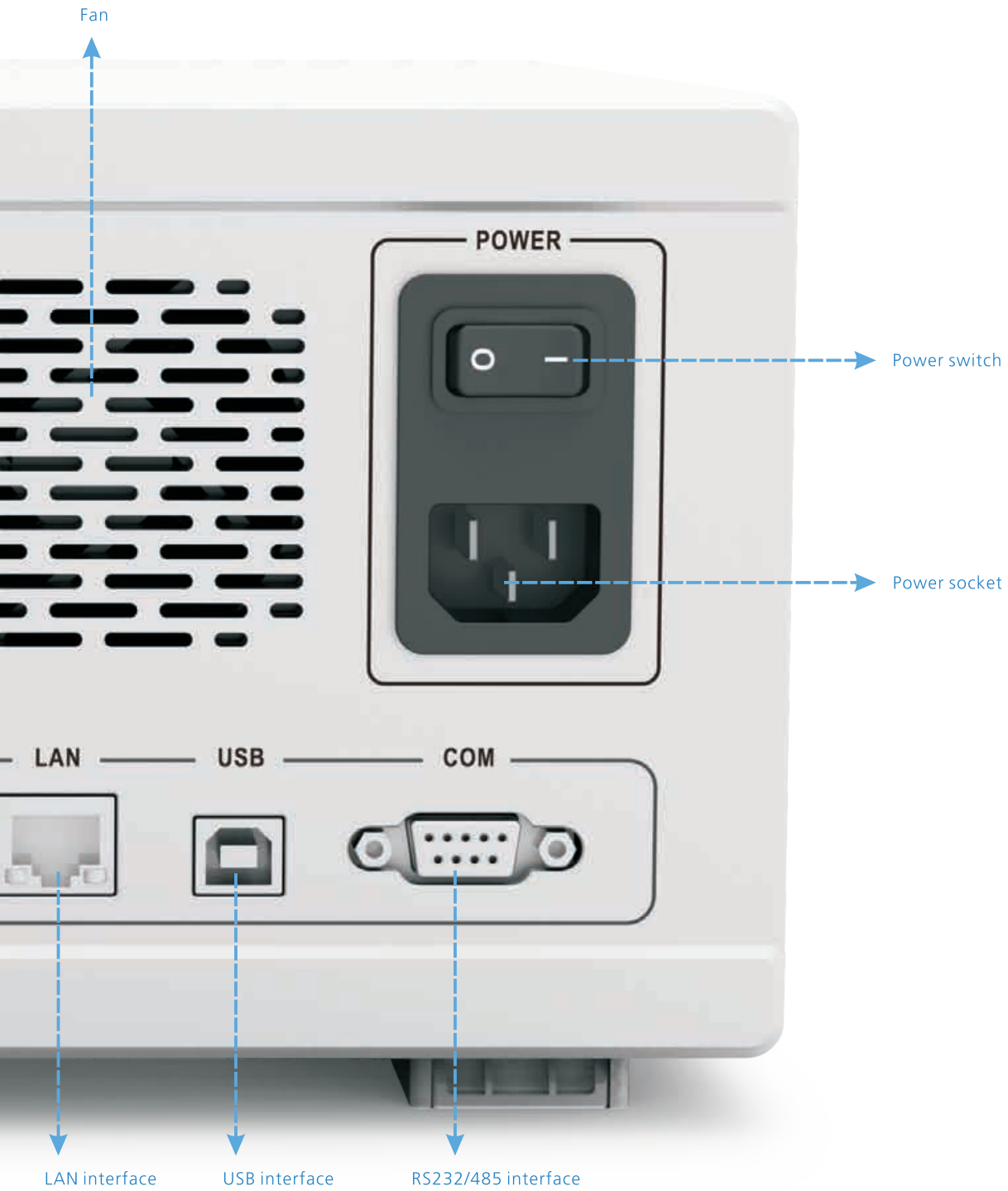
APM1200 • Host Machine





Pressure interface ←



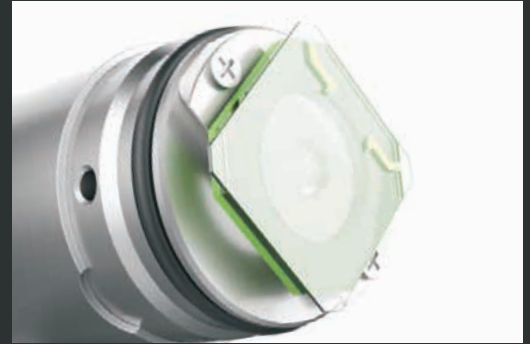


APM1200 • Functions & Features



Measurement

- Measuring range 0~1100/500~1100hPa
- Measuring accuracy 0.01%FS
- Resolution 0.001hPa



Stability

- Stability superior to 0.01%FS (Within calibration validity)



Calibration

- Support online multiple points calibration
- Support calibration expired reminder



Color Touchscreen

- 7 inch super big TFT LCD display
- Capacitive touchscreen operation
- Could check curve graph



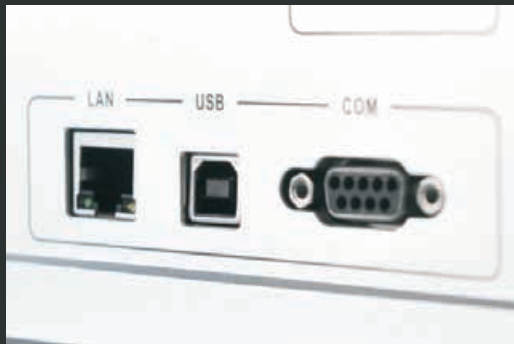
Pressure Unit

- Support multiple pressure units to choose from



Logging

- Internal storage capacity of 1G, and could extend to external storage
- Support USB flash disk to export data



Communication

- Support RS232/485, USB, LAN communication interfaces
- Support remote control and group networking application
- Support embedded Web operation



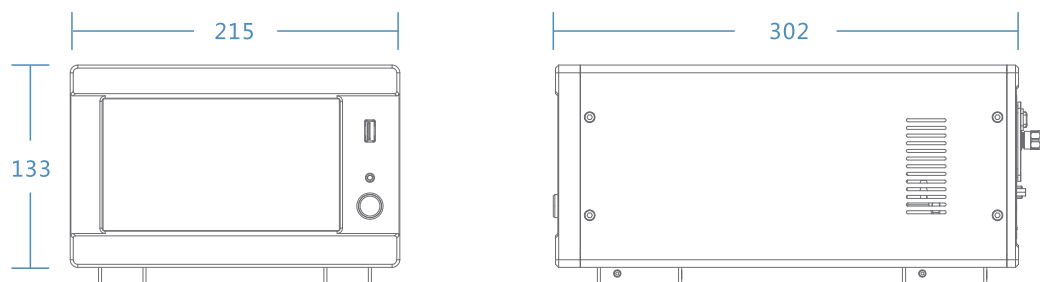
Power Supply

- 100~240 VAC universal input
- Built-in lithium polymer battery support continuous work for 8 hours

APM1200 • Technical Specification

Technical specification	
Measuring range	0~1100hPa, 500~1100hPa
Measuring accuracy	0.01%FS
Resolution	0.001hPa
Stability	Superior to 0.1hPa/year
Over-pressure limit	120%FS
Calibration validity	365 days
Display	7 inch, 800 x 480 TFT LCD touch screen
Working environment	-10~40°C, 10%~95%RH(Non condensing)
Storage environment	-20~70°C, 10%~95%RH(Non condensing)
Power supply	100~240VAC 0.5A, 50/60Hz
Battery	Lithium polymer battery 14.8V/8000mAh
Battery life	Continuous work for 8 hours/standby for 90 days
Communication interface	RS232/485, USB, LAN
EMC	EN 50081-1 Class B EN 50082-1 Class B
ESD Protection	±25KV
Dimensions	215×133×302mm (w/h/d) (3U, 1/2 size of 19 inch rack)
Weight	4.5kg
Certificates	CE, FCC, VCCI, C-TICK

Dimensions(mm)



APM1200 • Accessories

Standard Accessories

Serial communication cable



LAN communication cable



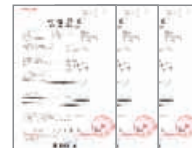
USB communication cable



Power cable



Calibration Certificate



User's manual



Warranty card



Qualification



Maintenance manual



WEEE card



CD



Optional Accessories

Pressure channel tee-junction



Pressure channel cross-junction



Ordering Information

Ordering model	Features
APM1200-16B	measuring range 500~1100hPa, measuring accuracy 0.01%FS
APM1200-23A	measuring range 0~1100hPa, measuring accuracy 0.01%FS
APM2000-16B	measuring range 500~1100hPa, measuring accuracy 0.008%FS
APM2000-23A	measuring range 0~1100hPa, measuring accuracy 0.008%FS

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Website



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