WINDOW TINT METER

AT-175P(Print) ☐
AT-175 (no print) ☐

When you buy this instrument, you mark a step forward in the field of precision measurement. This table is a computer - based testing tool, which can be used for many years if handled properly. Before use, please read this manual carefully and keep it in an accessible place

1.overview

Field measurement for automobile manufacturing and testing, glass products, aerospace and other industries. Measurement of transmittance of protective film, PC, acrylic and other plastic products. Other transparent or semitransparent material transmittance measurement. (Note: printed, frosted and milky materials are not suitable for measurement by this machine)

2. functional features

* Simple operation, fast measurement speed, good sensitivity, high measurement accuracy

*AT-175P can be connected to a printer to print test data

* Instrument startup automatic calibration and manual calibration

* Large capacity storage, can store 500 measurement data

3. the parameter

Measurement range: 0.0%-100%

Measurement quantity :% beam transmission

The thickness of the measured object cannot exceed :30mm

The area of the object to be measured cannot be smaller than :10mm x 10mm

Measurement accuracy :≤2%

Backlight: LED backlight

Resolution: 0.1%

Host size: 70mm*140mm*30mm

Probe size: Φ37mm*136mm

Power :4 * 7 batteries

Operating temperature: 0°C-40C

Relative humidity does not exceed 85%

Wavelength range: 380nm-780nm

* Large capacity storage, can store 500 measurement data

3. the parameter

Measurement range: 0.0%-100%

Measurement quantity :% beam transmission

The thickness of the measured object cannot exceed :30mm

The area of the object to be measured cannot be smaller than :10mm x 10mm

Measurement accuracy :≤2%

Backlight: LED backlight

Resolution: 0.1%

Host size: 75mm*135mm*25mm

Probe size: Φ37mm*136mm

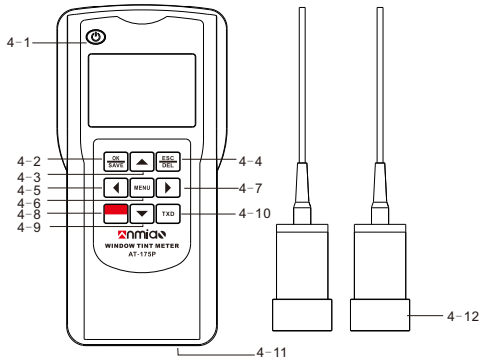
Power :4 * 7 batteries

Operating temperature: 0°C-40C

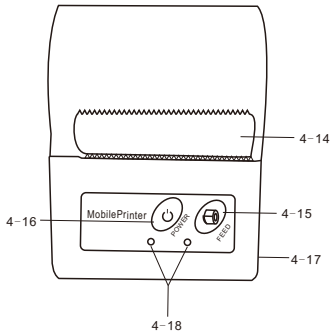
Relative humidity does not exceed 85%

Wavelength range: 380nm-780nm

4. Instrument description



4-1: On/off key
4-2: OK/Save key
4-3: Up key
4-4: Delete/Exit key
4-5: left key
4-6: Menu key
4-7: right key
4-8: On/off key
4-9: Down key
4-10: Transfer key
4-11: USB
4-12:probe



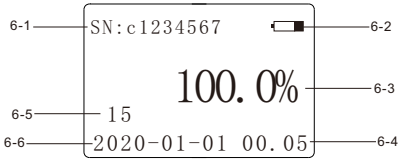
4-14: thermal printer
4-15: paper outlet button
4-16: switch on/off button
4-17: USB power port
4-18: indicator light

5. accessories

Print standard: host (built-in Bluetooth module), Bluetooth printer, a roll of thermal paper, packaging box, manual.

No print standard: host, box, manual.

6.panel description



6-1: ID
6-2: electricity
6-3: measured data
6-4: clock
6-5: Amount of saved data
6-6: date

7 operation instructions

7-1: menu

Press the MENU key to enter the screen for calibration, editing, query, and setting.

7-1.1 Calibration Select and calibrate as prompted on the screen.

7-1.2 Edit In edit mode, you can select No LOGO, Edit license plate, or edit SN.

7-1.3 Query In query mode, you can browse and save data groups (hold down the ▲ / ▼ key to enter the browse mode.) To delete data, hold down the button for 3 seconds ESC DEL until the "X" sign appears on the buzzer to delete the current data. Hold down the button for 7 seconds ESC DEL to delete all data.

7-1.4: Setting In setting mode, you can set language, automatic shutdown time (note: shutdown time set to 0 means no shutdown), date and clock.

7-2: Bluetooth connection (non-printing type does not support this function)

First turn on the Bluetooth printer, and then long press the ◀/▶ button to turn on/off the Bluetooth button at the same time to check whether the indicator is on the Bluetooth printer

8. Bluetooth printer

1. Long press  key, the green light shines and a buzzer will start the machine. Long press  key, two buzzers will appear and the light will stop the machine.
2. Long press the  key to produce thermal paper. Bluetooth connection successful  key light on.
3. Remove the cover to replace the thermal paper.

9.matters needing attention

1 Pay attention to the polarity of the battery. Alkaline battery is recommended.
2 do not mix old and new batteries, different brands of batteries;
3. If the meter is not applicable within 7 days, take out the battery to avoid battery discharge and liquid leakage.
4. Battery leakage damages the instrument, which is not covered by warranty;
5. Bluetooth connection to printer cannot be configured due to insufficient power;
6. If the Bluetooth printer is not used for a long time, it must be charged once every 3 months.