

ST-1090

Tip Temperature Tester

www.npower.com.vn

Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của **NPOWER**
Bản quyền nội dung thuộc về công ty **ATTEN**



Features

- The sensor is made of 0.2mm metal wire and is suitable for quickly measuring the temperature of the welding nozzle.
- If the thermometer is not in use for 15 minutes (adjustable), it will automatically shut down.
- Equipped with a "MAX HOLD" function to record the highest temperature of the welding nozzle, avoiding human error.

Specification

Model	ST-1090
Resolution	1°C/1°F
Temperature Range	0~800°C/32~1500°F
Accuracy Temperature	±5°C/±9°F
Sensing Wire	K-type thermocouple
Power	9V DV High-performance Alkaline battery
Operating Environment	0~40°C/32~104°F
Dimension	75x143.5x41.5mm
Weight	≈185g

Note: The sensor is only suitable for measuring temperatures below 500 °C. If measuring higher temperatures, please use a suitable temperature probe.

Package List

Model	Package list
ST-1090	Host ST-1090 x1 Battery x1 Manual x1 K-type thermocouple test wire x1 Test report x1 Certificate x1 MINI USB data line x1 Sensor x10

Serial Port Function

The serial port data line is connected to the thermometer and the computer, the thermometer displays COM as shown in Figure 4-2; the thermometer sends to the computer every 100ms temperature data.

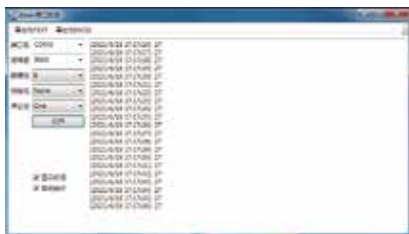


ATTEN serial port assistant



Figure4-2 (Serial communication baud rate 9600)

Download ATTN serial port assistant from the official website(You can also use other serial port assistants)



ATTEN Serial Assistant Interface

Note:convert serial communication, the computer needs to install the CH340 chip driver



Short press the "MAX HOLD" button to open the highest temperature holding interface, avoiding human error



Display the number of temperature measurements and record the current usage of the sensor for easy determination of replacement cycles



Combined with the Atten soldering station (with infrared function), one key temperature calibration can be achieved