

C3 SERIES

EXTERNAL DUAL DEEP LOW TEMPERATURE RECORDER

WS-T21SLC3 (Liquid nitrogen tank)

Product Overview:

Wason C3 series is a single model precision instrument for automatic data storage with large screen display. The instrument adopts low-power-consumption design, long standby time; adaptable to many sensors, wide detection range. External sound and light alarm can be connected to achieve high decibel sound and light alarm. C-mi software can be used to achieve parameter setting, data download, data analysis, data export and other functions, and can directly copy data in CSV files from the logger without using C-mi software. Widely used in food, pharmacy, clinical experiments, chemical electronics, archives, agricultural research and other fields.

Product Characteristics:

- 1) USB communication;
- 2) Large screen display;
- 3) Real-time clock;
- 4) °C/°F can be switched;
- 5) Large capacity for data storage;
- 6) Screen query for maximum and minimum values.



Product Parameter:

Sensor type	Deep low temperature (external)
Number of sensors	Dual channel
Sensor length	Wire: 1.5m、Probe: 0.45m
Temperature range	-200°C~0°C
Temperature accuracy	(-20~0) °C: ± (0.3~0.5) °C; Other: ±1°C
Display resolution	(-99.9~0) °C: 0.1°C/0.1°F; Other: 1°C /1°F
Memory resolution	(-99.9~0) °C: 0.1°C/0.1°F; Other: 1°C /1°F
Recording capacity	60000 groups
Record interval	The minimum interval is 1s, can be set in seconds, minutes, and hours
Parameter configuration	Special software configuration
Numerical query	Screen query for maximum and minimum values
Out-of-limit alarm	Internal power supply: buzzer alarm; External power supply: external sound and light alarm, flash warning, internal buzzer alarm
Clock	Real-time clock display

Starting mode	Manual, Auto periodically
Stop mode	Manual stop, full-data stop
Communication interface	USB Type-C
Power supply	High energy lithium battery, DC 5V/1A adapter (optional)
Battery life	2 years valid (default setting)
Host operating environment	-20℃~70℃
Overall dimension	113mm×102mm×32mm
weight	174g
Calibrate	Standard product with factory calibration certificate, CNAS calibration certificate for optional
Shell material	ABS (Shock-resistant)
Keep under warranty	12 months
Product certification	CE certification

Product Accessories:

Accessories			
Name	External deep low temperature temperature sensor (Liquid nitrogen tank)	Power adapter	Type-C Data cable
Type	P130	P134	P158
Note information	/	5V/1A (Optional)	/
Accessories			
Name	Calibration certificate	Software Get Business Card	User manual
Type	/	/	/
Note information	/	C-mi	(including manual, warranty card, certificate)

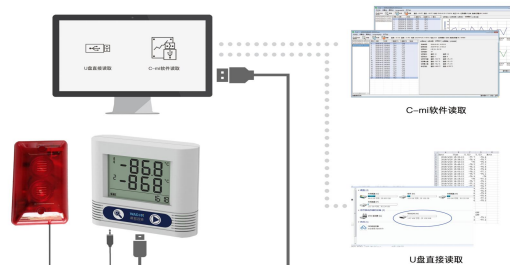
Accessories			
Name	CNAS Calibration Certificate	Screwdriver	Audible and Visual Alarm
Type	/	/	P141
Note information	Optional	/	AC3 Specific
Accessories			
Name	Lithium Battery	Wall mounting kit	
Type	P702	P111	
Note information	3.6V Lithium battery	/	

Usage Method:

Method 1:

None-drive usage (no special software required, easier to use.)

- ① Stop recording, connect the computer with a USB cable to download data.
- ② Copy data files in CSV format directly from the recorder, which can be opened by text processing software such as EXCEL or TXT.

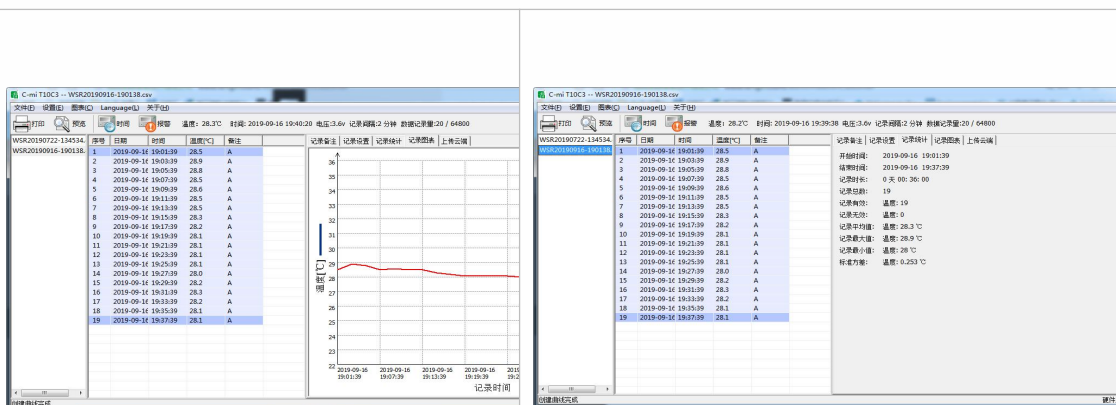


Method 2:

When you have more requirements for data analysis, please use the dedicated software to download the data, through the dedicated software you can view data reports, data curves, data statistics, record remarks and other information, but also output in PDF files.

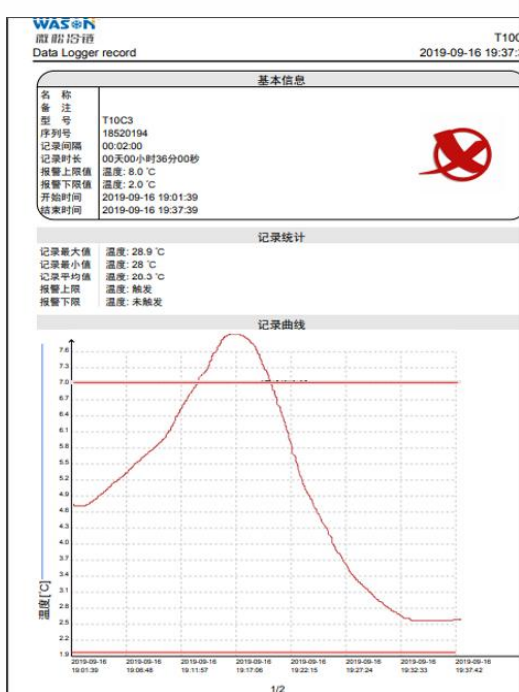
- ① Copy the special software to the computer. It's a green software, no need to install, open to use.
- ② Connect the recorder to the computer and set parameters when the recording is stopped.
- ③ Exit the recorder from the computer, placed in the environment that needs to be detected, and turn it on.

- ④ Stop recording, connect the recorder to the computer, view historical data, historical curves, data statistics, etc., and print data, output PDF and other format files.

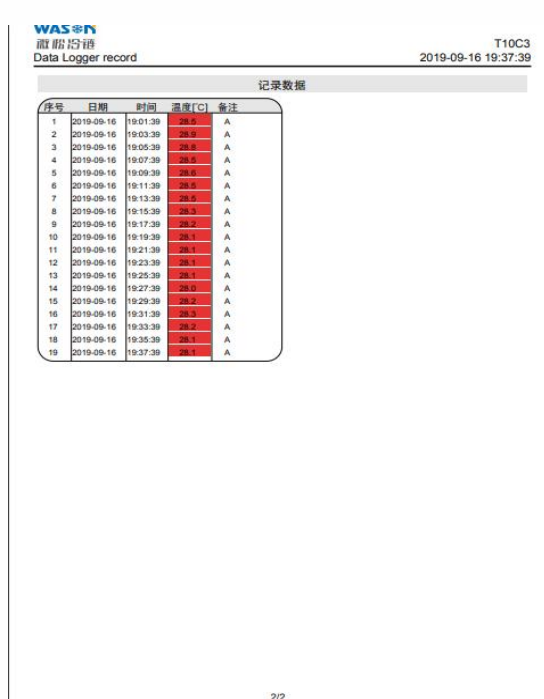


Data reports and data curves

Data reports and statistics



Output PDF curve



Output PDF report

Product Application:

It's widely used in different industries, such as food, pharmacy, electronics, chemicals, transportation, agricultural research, textiles, meteorological & environmental protection, HVAC refrigeration, archives management, and biochemical laboratory, etc.