

STC

SMART TEMP CONTROLLER

Smart cabinet designed for you and with you

Designed to bring missing functionality to existing systems

Scalable smart cabinet, fully adaptable and modifiable according to your needs

Control your process with precision and information monitoring

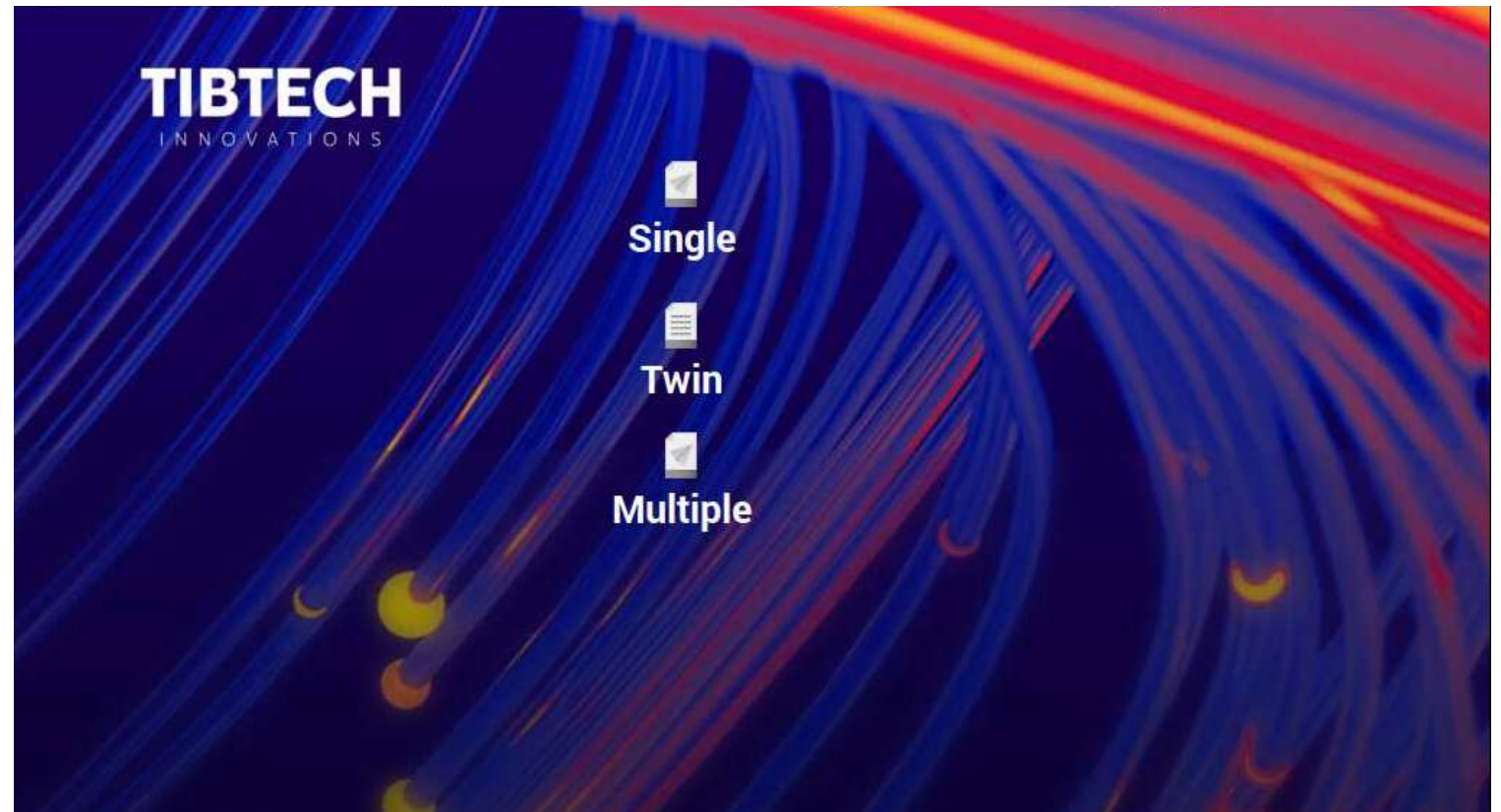
Communicating heat probes ensure that the temperature is maintained at the inlet and outlet of your process

Remotely controllable via tablet or smartphone

Hard disk archiving capability and information retrieval for accurate traceability

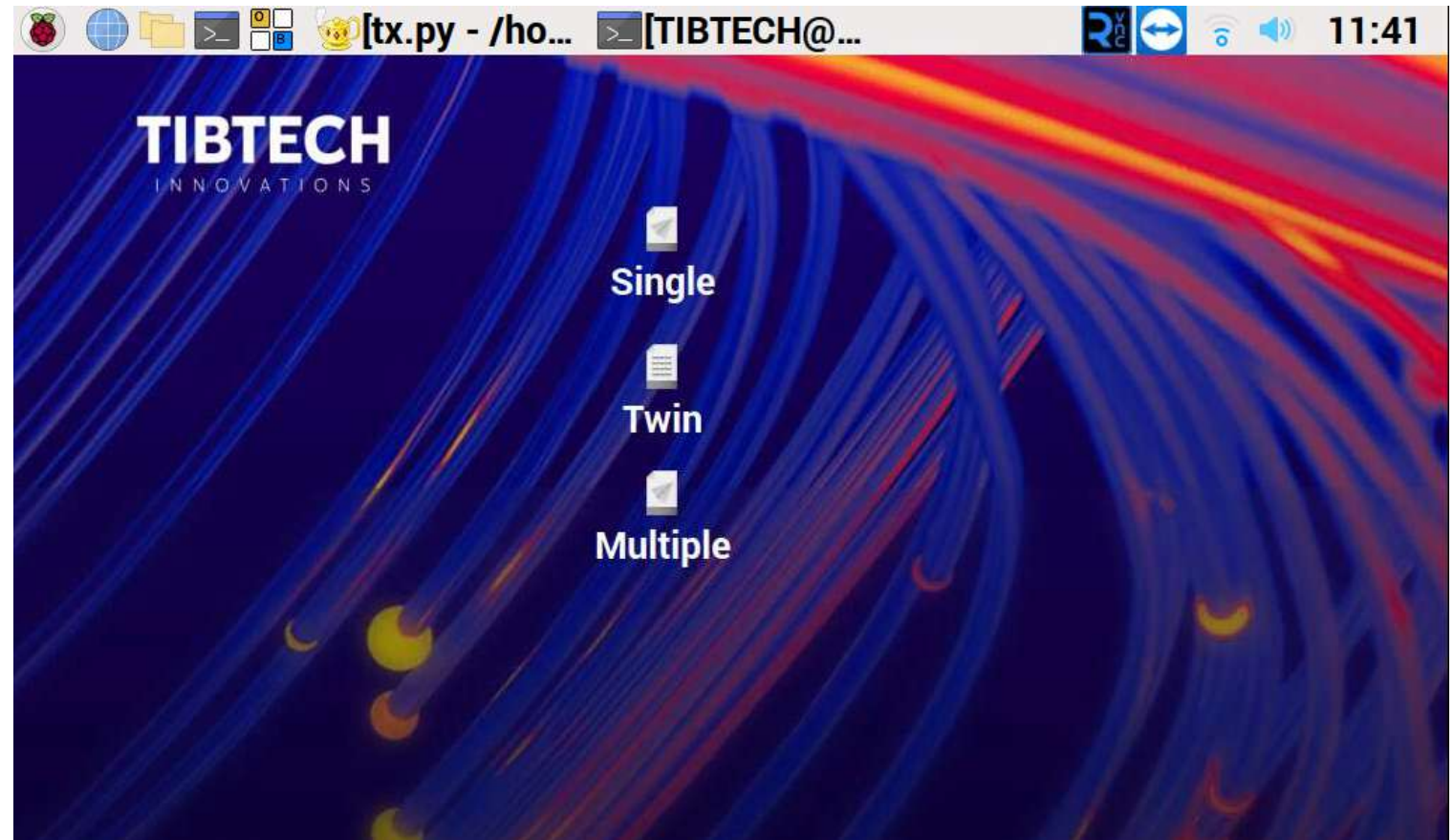
Real-time electricity consumption monitoring





Standard model

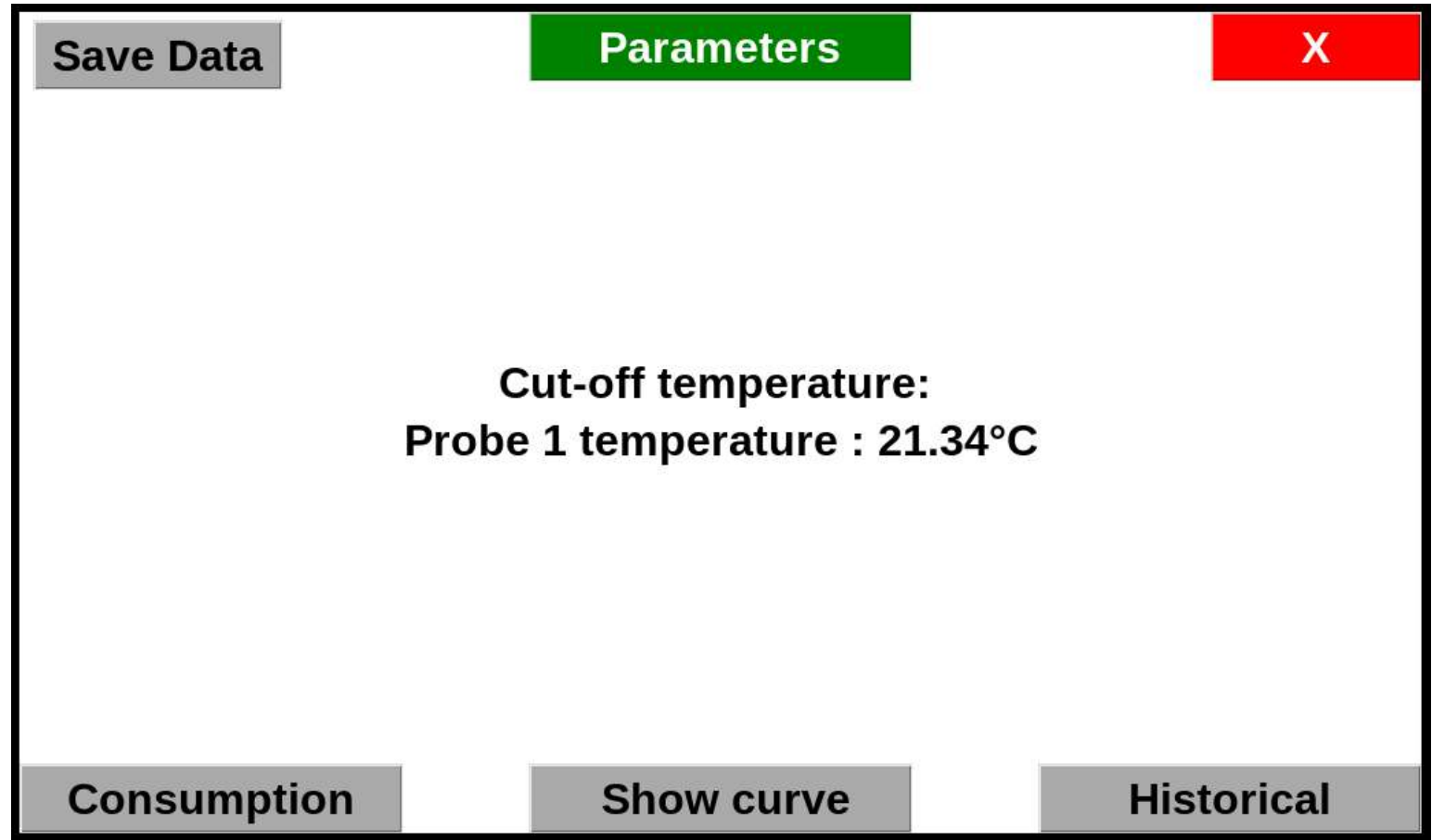
- Line management :
- Single Mode : 1 line
- Twin Mode : communicating probes
- Multiple Mode : 2 ou 3 lines
- PT100 probes or thermocouples
- Touch screen, WI-FI connection
- 120 GB hard drive



Home page

Line management :

- Single Mode : 1 line
- Twin Mode : Communicating Probes
- Multiple Line : 2 ou 3 lines



Main settings menu :

- Temperature setting
- Alarm visualization
- Consumption visualization
- Quick access last curve
- Real-time temperature display
- Save option

- Low safety temperature + 0.0

- Cut-off temperature + 0.0

- Temperature set + 0.0

- High limit temperature + 0.0

- Low limit temperature + 0.0

Start Configure PID Back

Single Mode Setting:

- Safety temperature
- Set temperature
- Control temperature
- PID configuration
- Display alerts

- Low safety temperature + 0.0

- Cut-off temperature + 0.0

- Delta set + 0.0

Start Configure PID Back

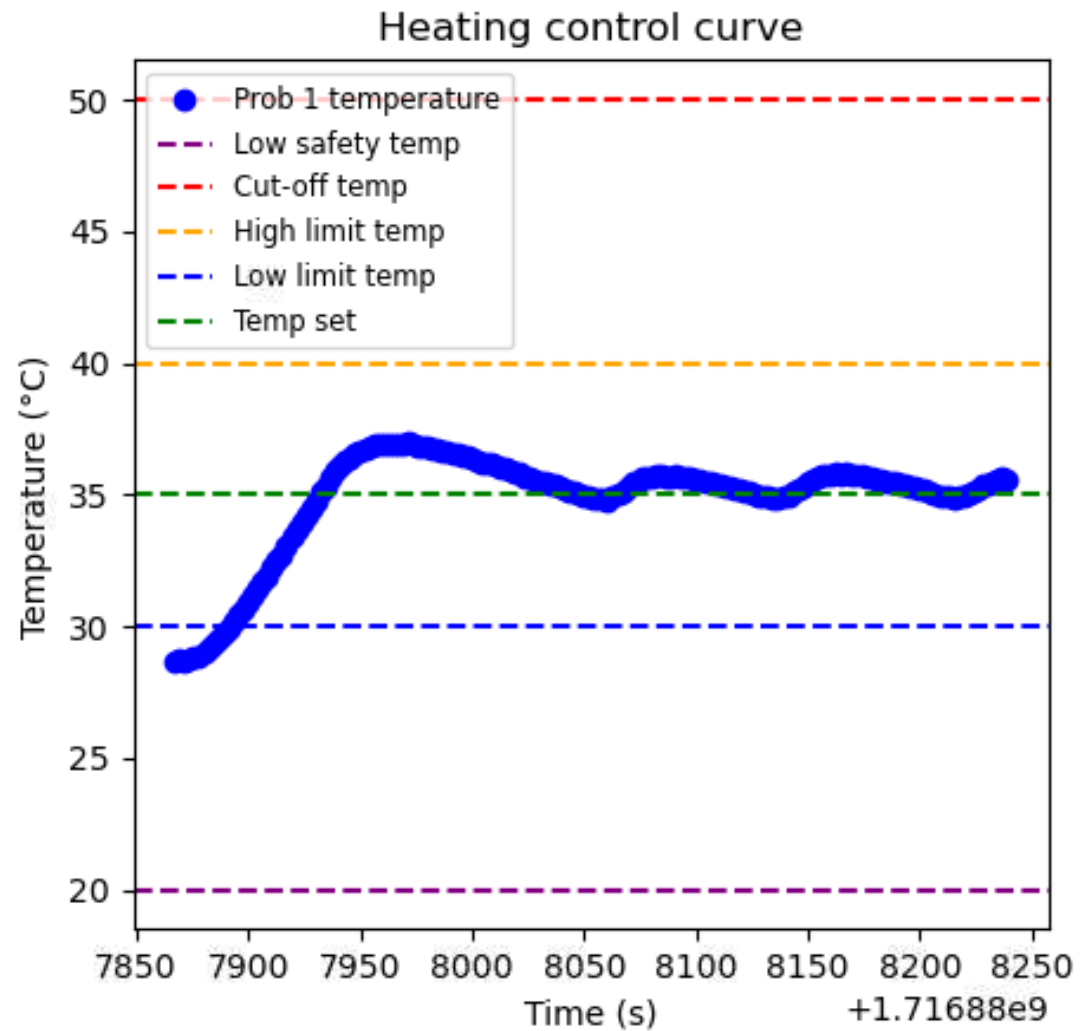
Twin Mode Settings :

- Safety temperature
- ΔT° set temperature
- Display alerts

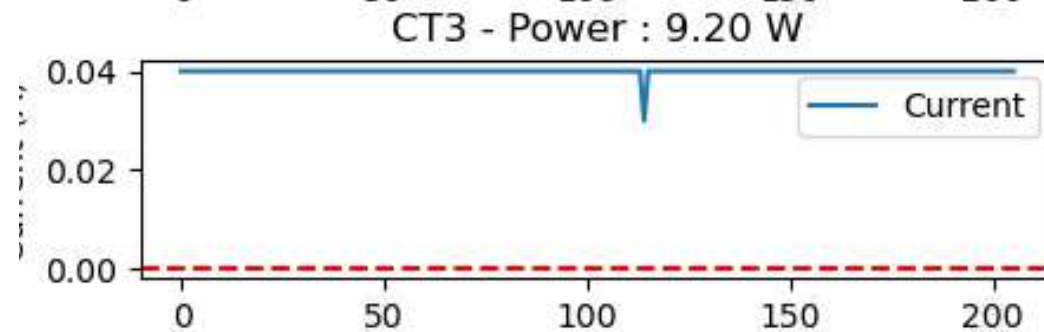
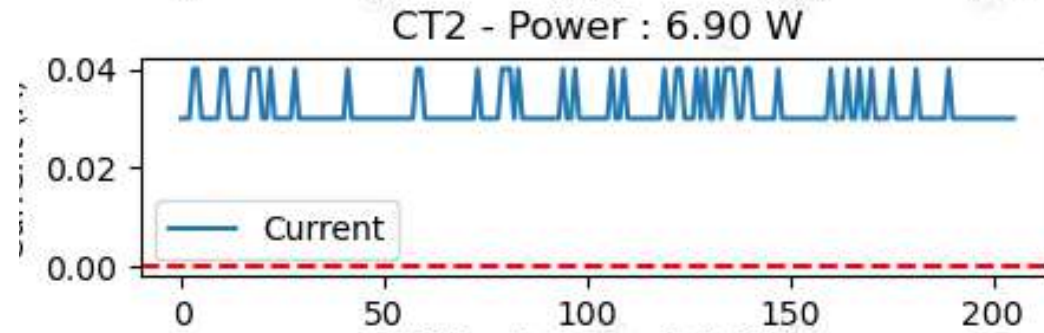
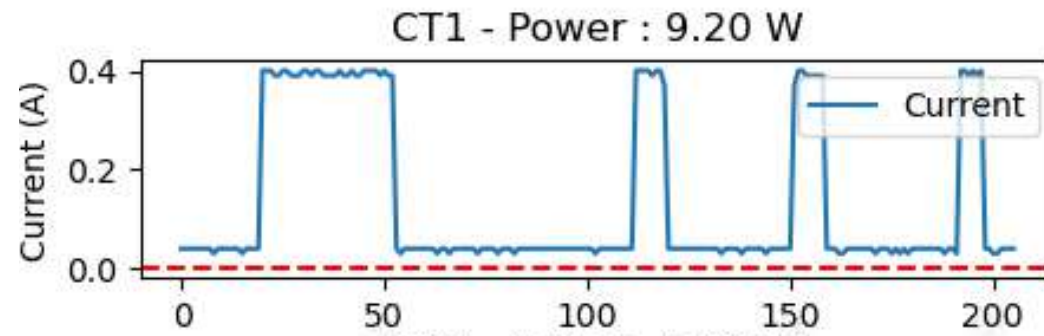
The screenshot displays a control interface with seven rows of settings. Each row consists of a minus sign button, a text label, a plus sign button, and a numerical input field. The labels are: 'Low safety temperature', 'Cut-off temperature', 'Temperature set 1', 'Temperature set 2', 'Temperature set 3', 'High limit temperature', and 'Low limit temperature'. All input fields are currently set to '0.0'. Below the settings are three buttons: a green 'Start' button, a blue 'Configure PID' button, and a red 'Back' button. At the bottom of the interface is a large, empty white rectangular area with a vertical scrollbar on its right side.

Multiple Mode Settings:

- Safety temperature
- Multi-zone set temperatures
- Control temperature
- PID configuration
- Display alerts



Real-time PID control curve display



Real-time consumption curve display

HOUR	TEMPERATURE
2024-05-28 11:24:37	35.357

Alarm history :

cut-off temperature reached! - Probe 1 - 2024-05-28 11:24:27

Data archiving and traceability