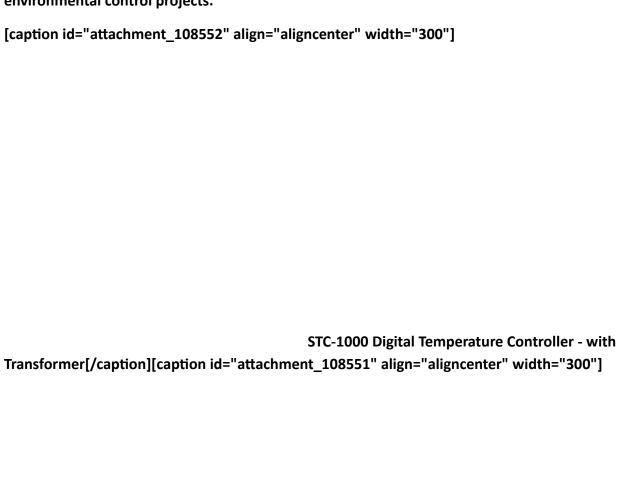
STC-1000 Digital Temperature Controller 110–220VAC with Transformer – Precision Thermostat Control for Cooling & Heating Systems

The STC-1000 Digital Temperature Controller is a versatile, reliable, and easy-to-use thermostat module designed for controlling both heating and cooling systems with high accuracy. Featuring a wide voltage input (110–220VAC) and an included transformer for stable operation, it's ideal for applications like aquariums, incubators, fermenters, refrigerators, and environmental control projects.



### STC-1000 Digital Temperature Controller - with

### Transformer[/caption]

- **♦** Key Features and Specifications
  - Wide Voltage Range (110–220VAC):
    Compatible with most power systems, providing stable performance and easy integration in global applications.
  - Dual Relay Output (Heating & Cooling):
    Automatically switches between heating and cooling modes to maintain a stable temperature environment based on user settings.
  - High Accuracy & Fast Response:
    Ensures precise temperature control with a measurement accuracy of ±1°C, delivering consistent performance for sensitive applications.
  - Temperature Range:
    Supports control from -50°C to +99°C, making it suitable for both low- and high-temperature environments.
  - Easy to Use Interface:
    Features a clear LED digital display and intuitive 4-button interface for quick setup and real-time monitoring.
  - Built-in Transformer:
    Provides internal power regulation for stable and reliable operation, reducing external wiring complexity.

- Replaceable Temperature Sensor (NTC):
  Comes with a high-quality NTC probe sensor for accurate readings and easy replacement if needed.
- Compact and Durable Design:
  Sturdy plastic housing designed for panel mounting, ensuring durability and ease of installation in control boxes or devices.
- Adjustable Parameters:
  Users can set upper/lower limits, hysteresis, and calibration settings to match specific requirements.

### Applications

The STC-1000 Temperature Controller is widely used in:

- Aquariums & Fish Tanks ( maintain optimal water temperature
- Incubators & Hatching Systems () precise egg incubation control
- Fermentation & Brewing 📦 control fermentation temperature for quality results
- Refrigerators & Freezers 🍪 automatic cooling control
- HVAC and Environmental Chambers **(I)** accurate temperature regulation in labs and workshops

# Package Includes

- 1 × STC-1000 Digital Temperature Controller
- 1 × NTC Temperature Sensor Probe
- 1 × Transformer (for stable operation)
- 1 × User Manual

## Why Choose the STC-1000 Controller?

The STC-1000 offers the perfect balance between simplicity, performance, and affordability. With its dual heating/cooling outputs, digital precision, and universal voltage support, it's an

ideal choice for both DIY enthusiasts and professionals looking for dependable temperature control in various applications.