

SUGON T26D Soldering Station – Professional Performance for Modern Electronics Work

The **SUGON T26D Soldering Station** is a high-performance digital soldering tool engineered for professionals who demand precision, reliability, and efficiency. Designed with advanced temperature control technology and a powerful heating system, it provides stable performance across various soldering tasks — from intricate PCB repairs to large-scale electronic assembly.

Whether you're working in a professional repair lab, an electronics workshop, or a hobbyist maker space, the T26D delivers outstanding thermal stability, fast response, and ergonomic comfort. It's built to meet the demands of continuous operation while ensuring safety, accuracy, and ease of use.

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SUGON T26D SOLDERING

STATION[/caption]

Key Features

1. Intelligent Temperature Control

The SUGON T26D is equipped with a **high-precision digital control system** that maintains consistent temperature output with minimal deviation. This intelligent control ensures your

solder joints are clean, uniform, and reliable — perfect for delicate SMD components and multilayer PCBs.

◆ 2. Ultra-Fast Heating Performance

Powered by a **90W high-efficiency heater**, the T26D reaches the desired temperature in seconds, minimizing downtime and maximizing productivity. This rapid heat-up feature makes it ideal for fast-paced repair environments where speed and accuracy are essential.

◆ 3. ESD Safe Design

Static electricity can easily damage sensitive electronic components. The SUGON T26D incorporates **ESD-safe technology**, protecting both your tools and your components during soldering or rework processes. This makes it suitable for professional electronic repair labs and PCB production lines.

◆ 4. Ergonomic Soldering Handle

The lightweight and heat-resistant handle is designed for **comfortable extended use**, reducing operator fatigue and enhancing precision. It's ideal for detailed work such as IC replacement, connector soldering, and micro-soldering under a microscope.

◆ 5. Clear Digital Display

The large, easy-to-read LCD screen provides **real-time temperature readings** and settings, ensuring you can monitor and adjust conditions quickly. This intuitive interface simplifies operation for both beginners and experienced technicians.

◆ 6. Wide Temperature Range

With an adjustable range from **100°C to 480°C**, the SUGON T26D covers a wide variety of soldering applications, from fine electronics to high-power connections.

◆ 7. Smart Sleep & Auto Standby Function

To extend heater lifespan and reduce power consumption, the T26D includes **automatic sleep and standby functions**. When the iron is idle for a set time, it safely lowers the temperature, preserving energy and prolonging tool life.

◆ 8. Durable Construction

Built with a **robust metal chassis**, the T26D ensures long-term durability in demanding environments. The quality construction resists heat, wear, and impact, maintaining stability over years of continuous use.

Technical Specifications

- **Model:** SUGON T26D
- **Power:** 90W
- **Temperature Range:** 100°C – 480°C
- **Heating Element:** High-performance ceramic heater
- **Temperature Stability:** $\pm 2^{\circ}\text{C}$
- **Display:** Digital LCD screen
- **Handle:** ESD-safe ergonomic design
- **Voltage:** AC 220V $\pm 10\%$ (50/60Hz)
- **Auto Sleep:** Yes
- **Weight:** Approx. 1.8 kg

Applications

The SUGON T26D Soldering Station is suitable for a wide range of applications, including:

- PCB and microchip soldering

- Mobile phone and laptop repair
- SMD rework and component replacement
- Industrial electronic assembly
- Educational and research labs
- DIY electronics and prototyping

Why Choose the SUGON T26D?

The **SUGON T26D Soldering Station** combines intelligent design, professional performance, and modern safety features in one compact system. Its fast heat-up time, stable temperature control, and user-friendly interface make it a trusted choice for engineers, technicians, and makers.

Whether you're repairing a smartphone motherboard or assembling custom circuits, the T26D gives you the control and reliability needed for precise results every time.

In Summary

The **SUGON T26D Soldering Station** is a professional-grade tool that balances speed, precision, and durability. With ESD protection, intelligent temperature management, and a powerful 90W heater, it's built to deliver consistent performance for all your soldering needs.