

## **Handskit 8858 Portable Hot Air Rework Station – Compact Power for Precision Rework**

The **Handskit 8858 Portable Hot Air Rework Station** is a professional-grade, lightweight, and highly efficient tool designed for precision electronic repair and rework. With a temperature range of **100°C to 500°C** and intelligent control, it's the perfect choice for engineers, technicians, and electronics enthusiasts who need reliable heat performance in a portable form factor.

Compact in design yet powerful in function, the Handskit 8858 delivers outstanding airflow and rapid heating, allowing you to handle delicate SMD components, ICs, and circuit boards with ease. Whether you're repairing mobile phones, laptops, or other electronics, this hot air station ensures clean, controlled results every time.



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Handskit

8858 adjustable temperature range from 100°C to 500°C[/caption]

### Key Features

#### 1. Adjustable Temperature Control (100°C – 500°C)

The Handskit 8858 allows precise temperature adjustment using an intuitive digital interface. This wide temperature range supports everything from delicate micro-soldering to heavier rework tasks, giving you total control over heat application.

#### 2. Compact and Lightweight Design

Weighing less than traditional rework stations, the **Handskit 8858** is designed for easy portability. Its compact size makes it perfect for mobile repair shops, field work, and personal electronics workbenches where space is limited.

### ◆ 3. Rapid Heating System

Equipped with a **high-performance heating element**, the 8858 heats up to working temperature in just a few seconds. The fast heat-up and consistent thermal recovery save valuable time and increase efficiency during rework operations.

### ◆ 4. Intelligent Digital Display

A clear **LED digital display** shows the real-time temperature, allowing for precise control and monitoring during soldering or desoldering tasks. This feature helps avoid overheating sensitive components.

### ◆ 5. Airflow Control for Precision Work

The station offers **adjustable airflow** to accommodate different applications—from removing small SMD chips to reflowing larger components. The soft airflow setting is ideal for delicate ICs, while higher airflow handles tougher soldering jobs.

### ◆ 6. ESD-Safe Design

The Handskit 8858 is **ESD safe**, ensuring that electrostatic discharge does not damage sensitive semiconductor components. This makes it suitable for working on microcontrollers, sensors, and communication circuits.

### ◆ 7. Energy-Saving Function

With its **automatic cool-down feature**, the heating element shuts off when the handle is placed in the holder, preserving the heating core's lifespan and improving safety.

### ◆ 8. Easy One-Hand Operation

The ergonomically designed handle provides a comfortable grip and allows one-hand operation. This makes it perfect for detailed, precision work on PCBs and small electronic devices.

### Technical Specifications

- **Model:** Handskit 8858
- **Type:** Portable Hot Air Rework Station
- **Power:** 700W
- **Temperature Range:** 100°C – 500°C
- **Airflow Type:** Brushless motor fan
- **Airflow Capacity:** Up to 120 L/min (adjustable)

- **Temperature Stability:**  $\pm 2^{\circ}\text{C}$
- **Display Type:** LED Digital Display
- **Voltage:** AC 220V  $\pm 10\%$  / 50-60Hz
- **Safety Feature:** Auto cool-down, ESD protection
- **Weight:** Approx. 0.6 kg

## Applications

The **Handskit 8858 Portable Hot Air Rework Station** is designed for a wide range of soldering and desoldering applications, including:

- Mobile phone and tablet repair
- SMD/IC rework and removal
- PCB component reflow
- Laptop and console motherboard repair
- Connector and header desoldering
- DIY electronics and prototyping

Whether you are working on small electronic circuits or large-scale assemblies, this rework station provides the precision and control needed to achieve professional results.

## Performance and Reliability

The Handskit 8858 stands out for its combination of **high power and compact design**. Its internal microprocessor ensures **accurate temperature control** and **consistent airflow**, which are essential for handling sensitive components safely.

The built-in **cooling fan** prevents overheating and extends the life of the heating element. Its lightweight, ergonomic build also minimizes hand fatigue during extended use, making it ideal for technicians who work for long hours.

## Why Choose the Handskit 8858 Portable Hot Air Rework Station?

- **Precise Temperature Control** – Maintain consistent heating for delicate parts.
- **Lightweight and Portable** – Easy to carry and perfect for mobile repair setups.
- **Fast Heating System** – Reaches target temperature in seconds.
- **Safe and Efficient** – ESD protection and auto cool-down for component safety.

- **Versatile Application** – Suitable for all types of rework, repair, and desoldering.

## **Conclusion**

The **Handskit 8858 Portable Hot Air Rework Station** combines smart temperature control, rapid heating, and portability in one powerful tool. Its compact and lightweight design makes it ideal for technicians, engineers, and hobbyists who need professional-grade performance in a small form factor.

With adjustable airflow, a wide temperature range, and intelligent safety features, the 8858 is a dependable companion for any rework or repair task — from mobile phones to complex PCBs.