

**Description:**

A versatile, microcontroller-based soldering rework system designed for precision electronic repair and assembly. It combines a temperature-controlled soldering iron, a hot air rework unit, and a DC power supply in one compact, ESD-safe unit.

Technical Specifications**1. Soldering Iron Unit**

- **Output Power:** Up to 60 W
- **Temperature Range:** Adjustable from 200 °C to 480 °C
- **Heating Element:** Needle bit type with MCH heater for rapid heat-up
- **Temperature Stability:** ± 2 °C

2. Hot Air Rework Unit

- **Output Power:** Up to 500 W
- **Temperature Range:** Adjustable from 200 °C to 450 °C
- **Airflow Control:** Adjustable airflow with auto-pause function when placed in cradle
- **Accessories:** Supplied with multiple interchangeable nozzles

3. DC Power Supply

- **Output Voltage:** 15 V DC
- **Output Current:** Up to 2 A

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com

- **Auxiliary Output:** 5 V USB port for external power

4. Control System

- **Type:** Microcontroller-based control
- **Display & Indicators:** LED indicators for temperature, operation status, and mode selection

5. Safety & Compliance

- **Design:** ESD-safe construction
- **Standards:** Conforms to applicable safety and reliability standards

6. Construction & Dimensions

- **Enclosure:** Metallic body with durable powder coating
- **Dimensions (W × H × D):** Approx. 280 mm × 180 mm × 140 mm
- **Weight:** Approx. 3.5 kg

7. Electrical & Environmental Data

- **Power Source:** AC 220 V ±10%, 50/60 Hz
- **Operating Temperature:** 0 °C to 40 °C

8. Supplied Accessories

- Soldering iron with needle bit
- Hot air blower with 3 nozzles
- Soldering iron stand with sponge
- Hot air cradle
- Patch cord and power cord

Application:

Ideal for soldering, desoldering, and reworking surface-mount and through-hole components in electronic circuit assemblies.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com