**Description**

The 7035 module is an all-in-one industrial station with features that provide quality and process control across a wide range of soldering and re-work applications. The module has three simultaneously powered ports for soldering, de-soldering and hot air re-work. Additionally it has a built-in pump for vacuum and air flow so no external pressure source is required.

A clear easy to read LCD display provides a convenient user interface for setting adjustments and operation. The 7035 is supplied complete with soldering iron, desoldering tool, hot air pencil, accompanying workstands and tip tray. A solder tip and nozzles are supplied as standard, with extra pieces available upon request.

**Technical Specifications**

**Module and Station**

- **Output voltage**: AC 24 V
- **Vacuum generator**: Vacuum pump, cylinder type
- **Vacuum pressure**: 80 kPa (600 mmHg) (Max.)
- **Suction flow**: 14 L/min.
- **Air flow**: 6 L/min. (Max.)
- **Module Width**: 200 mm

**Soldering Iron (tip supplied 1.6 mm)**

- **Power consumption**: 70 W (24 V)
- **Temperature setting range**: 200 to 450 °C
- **Tip to ground resistance**: < 2 Ω
- **Tip to ground potential**: < 2 mV
- **Heating element**: Composite heater
- **Total length / Cord length**: Total: 188 mm (with tip) / Cord: 1.2 m
- **Weight**: 30 g (with tip)

**Desoldering Tool (nozzle supplied 1.6 mm)**

- **Power consumption**: 70 W (24 V)
- **Temperature setting range**: 350 to 450 °C
- **Nozzle to ground resistance**: < 2 Ω
- **Nozzle to ground potential**: < 2 mV
- **Heating element**: Composite heater
- **Total length / Cord length**: Total: 180 mm (with nozzle) / Cord: 1.2 m
- **Weight**: 65 g (with nozzle)

**Handpiece for hot air re-work (nozzle supplied 4mm)**

- **Power consumption**: 140 W (24 V)
- **Temperature setting range**: 100 to 550 °C
- **Nozzle to ground resistance**: < 2 Ω
- **Nozzle to ground potential**: < 2 mV
- **Heating element**: Composite heater
- **Total length / Cord length**: Total: 232 mm (with nozzle) / Cord: 1.2 m
- **Weight**: 50 g (with nozzle)

**Ordering Information**

- **7035** Soldering, Desoldering and Re-work Module
- **7146** 6 piece Solder Tip Set
- **7147** Benchtop Fume Extraction Kit

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.