ATTEN

# ST-80

## Soldering Station

## OVERVIEW

ST-80 is newly designed, more intelligent, more reliable, more economical and more convenient digital soldering station. In the course of research and development, we follow ATTEN consistent corporate culture of profession, reliability and practicality in 20 years. This product has been favored by plenty of users on its launch with excellent and reliable features.

## APPLICABLE

- **Production line**
- **R&D Center**
- **Colleges Trainning**
- **Institues**
- **Maintenance**
- **Home Use**

## FEATTURES

- ◆ **Smart recognition for working and non-working status.**
- ◆ **Intelligent cooling and temperature recovery.**
- ◆ **Automatic standby, shutdown to ensure personal and property safety which also can extend product life.**
- **Brand new** design and LCD display screen to display various setting parameters.
- **Newly designed menu** which enable system setting easier.
- **Visual control** over operation process in which analogue heating-up strength status bar to indicate heating up status and visual setting.
- 3 keys to **store and retrieve** frequently used temperature values quickly.
- **Temperature locking** which make production line management convenient.
- **Smart standby, shutdown** function, **adjustable** standby time and **adjustable** shutdown time enable **more energy saved** and **environment friendly**.
- Touchtone which could be turned off and on.
- **MCU controlled** temperature calibration was designed to be more accurate and more convenient which keep this product in good performance for long time to come.
- This product was designed with **low-voltage heater** which is completely separated from power supply to keep soldering work safer.
- This product was designed to be compatible with **900M** series soldering tip which was assembled separately with heater to cut costs down.
- Separate iron stand to save room and to make soldering station placement easier.

## SPECIFICATION

| | |
|---|---|
| Voltage: | AC (100V/110V/120V\|\|220V/230V/240V) 50/60Hz(Optional) |
| Power: | **80W** |
| Heater voltage: | 28VAC |
| Temperature range: | 150-480°C/302-896°F |
| Temperature offset range: | ±50°C/±90°F |
| Temperature accuracy: | **±10°C** |
| Temperature stability: | ±2°C(in still air, no load) |
| Automatic stand-by time: | 1-120 minutes |
| Standby temperature: | **150°C** |
| Automatic shutdown time: | 1-120 minutes |
| Temperature adjustment: | 5 digits (Default)/1 digit (Fine-tuning) |
| Heater: | **High end quad-wire heater** |
| Temperature lock: | Equipped |
| Touchtone: | Equipped |
| Tip-to-ground impedance: | **< 2 Ω** |
| Tip-to-ground voltage: | **<2 mV** |
| Dimensions: | L168* W110* H95mm |
| Net weight: | 2.36KG |

**SHENZHEN ATTEN TECHNOLOGY CO., LTD.**
Add: Buiding A29, Tanglang Industrial Zone,
Xili, Nanshan, Shenzhen 518055, P.R. China
Tel: 0755-8602 1376
Fax: 0755-8602 1337
Web: www.atten.com

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