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AUTOMATIC-FEED SOLDERING STATION

Soldering & DeSoldering Stations | Made in India

Product Name	AUTOMATIC-FEED SOLDERING STATION
Brand	HEATEX
Model	SF150A
Category	**Soldering & DeSoldering Stations**



★ ESD Certified

❑ PRODUCT SPECIFICATIONS

① System Includes

STANDARD ACCESSORIES

- Control unit and automatic-feed soldering iron
- Iron stand and additional solder-wire guide
- Cartridge and tip holder; cartridge extractor plier
- Foot pedal; instruction and user manuals
- 1.0 mm solder-wire guide kit
- Soldering tips/cartridges: Conical Bent Ø0.8 mm, Conical Bent Ø1.0 mm, Bevel Ø3.5 mm, plus one additional bevel tip

② Features

- Continuous, discontinuous and program modes with adjustable feed length and speed.
- Selectable temperature from 90°C to 450°C, with ±50°C adjustment through the station menu.
- Store at least five profiles, each with one to three programmable steps.
- Foot-pedal control, digital settings, solder reel capacity up to 2 kg and an automaticfeed iron.
- USB-A for firmware updates and data import/export; USB-B for PC communication; RJ12 interface for compatible fume extraction.
- Specified tip-to-ground resistance below 2 Ω and tip-to-ground voltage below 2 mV RMS.

③ Technical Specifications

Soldering technology	- Automatic solder-wire feed with programmable control
Soldering iron	- Automatic-feed iron with dynamic tool setting for accessibility
Nominal power	- 180 W
Handle peak power	- 150 W
Temperature range	- 90°C to 450°C, adjustable
Temperature stability	-±1.5°C or better in still Air
Temperature accuracy	-±3% or better
Temperature adjustment	- ±50°C through station menu
Solder wire diameter	- 0.4 mm to 1.8 mm with appropriate guide kits
Standard wire guide	- 1.0 mm solder-wire guide kit supplied
Wire-feed modes	- Continuous, discontinuous and program mode
Wire-feed length	- 0.5 mm to 250 mm
Wire-feed speed	- Adjustable from 0.5 mm/s to 50 mm/s
Backward / retract	- Adjustable from 0 mm to 5 mm Solder reel capacity Reels up to 2 kg (reel stand axis approx. Ø10 mm)
Flux control	-Wire-perforation feature for improved flux outgassing and reduced solder projections/FOD
Programmable profiles	- 5 profiles, 1 to 3 steps per program
Display and control	- Digital control unit with programmable settings
Interfaces	- USB-A for firmware update/data import-export; USB-B for PC communication
Pedal control	- Foot pedal for soldering operation
Fume extractor interface	- RJ12 connection for compatible fume extractor
Software features	- Firmware updates, graphics, profiles and PC communication
ESD protection	- ANSI/ESD S20.20 compliant
Tip-to-ground	- resistance < 2 Ω
Tip-to-ground voltage	- < 2 mV RMS
Process compliance	-Meets or exceeds IPC J-STD-001 temperature-stability requirements
Warranty	- Minimum 1 year (OEM standard warranty terms apply)

® **ISO 9001:2015** Certified	**Made in India**	♻ **Global Exports**	⚡ **ESD Safe** Certified