

971 Series

LONER® High Performance Temperature Controlled Soldering and SMD Rework Stations

The secret is in the handle.
Loosen the collar and watch your station grow.

Simply exchange the collar, change the tip, connect accessories, and you're ready to go! Modular design offers flexibility in a never-before available system. Dedicate stations by task or upgrade the 971 to a Fume extraction system (971FX) or a powerful Hot Air Station (971HA). The choice is yours. Conversion to the preferred application is fast, easy and economical.



A new twist
...in soldering and SMD Rework Technology!

For a demonstration or video presentation, contact EDSYN today!

• **Heater Rating:**
120V, 95W

• **Temperature Range:**
1400°F - 800°F
(205°C - 427°C)

• **Burn resistant, static safe power cord**

• **Power Requirement:**
120V, 60Hz

• **Overall Dimensions for the 971:**
4.1"W x 8.2"H x 10"D
(104 mm x 208 mm x 245 mm)

• **Temperature Regulation:**
±6°F (±3°C)

• **Tip to Ground Voltage, Leakage/Resistance:**
<2mV / <2 ohms



Precise Performance!
Visit our website at www.edsyn.com

971

LONER® High Performance Temperature Controlled Soldering Station



Power and Economy

Offers unsurpassed versatility for delicate and heavy duty work. Direct tip heater configuration results in quick heat recovery at the tip. Advanced circuit design provides precise temperature control and calibration. High performance accumulator collar accepts a virtually limitless variety of general purpose tips.

Features

- Direct tip-heater configuration results in quick heat up and recovery
- Advanced circuit design provides precise temperature control and external calibration
- Accepts a wide variety of general purpose tips
- New front loading design makes tip change faster and easier

Weight

Power Supply:
2.5 lbs (1.1 kg)
Soldering Hand Tool:
3 oz (85 g)

Contents

971 Soldering Station (Includes LT375 Soldering Tip)
PD528 SH230 Tool Pod
Sponge Holder (Includes RS199 Cleaning Sponge, RS243 Pad, LN230 Liner)

Conversion Kits
(sold Separately)

OPT823

Fume Extraction
Conversion Kit

OPT825

SMT Hot Air Conversion
Kit

971FX

LONER® Soldering Station with Fume Extraction System



Breathe Easier

Flux fumes are removed from the workplace at the soldering tip. A three stage filtration system pulls fumes into a contained vacuum chamber that is activated when the soldering tool is removed from the holder. Collar assembly features an adjustable collection tube that works with most tip lengths and styles.

Features

- Requires clean and dry shop air, 60-90 psi
- Three-stage filtration system effectively removes fumes at the source
- Built-in switch automatically activates vacuum when tool is lifted from holder
- Accepts a wide variety of general purpose tips

Weight

Power Supply:
2.5 lbs (1.1 kg)
Soldering Hand Tool:
3 oz (85 g)

Contents

971FX Soldering Station with
Fume Extraction
System

AF174 Filter replacement kit
for VS174

PD533 SH230 Tool Pod
Sponge Holder
(Includes RS199
Cleaning Sponge,
RS243 Pad, LN230
Liner)

VS174 PAS53 Vacuum System
Tool Pod Air Switch
(Requires 30-60 psi)
Static-Safe Silicone
Hose (1/8" i.d.)

HS307 CA165 Set of Clips for Power
Cord/Hose Attachment
(Set of 10)

971HA

LONER® ATMOSCOPE SMT Hot Air Station



Surface Mount Rework

This hot air station delivers outstanding performance when using hot air or traditional contact rework techniques. Runs on shop air or nitrogen. Air flow is activated by an automatic switch in the tool holder or optional FS205 foot switch. Accepts a wide array of tips and nozzles to accommodate most component sizes and shapes. Graduated flow regulator monitors air flow in SCFM.

Features

- Runs on shop air or nitrogen, 20-80 psi
- External calibration for ISO9000 compliance
- Graduated flow regulator monitors air flow in SCFH
- Built-in switch automatically activates air when tool is lifted from holder
- Easily converts to contact soldering fume extraction with OPT823 Fume Extraction Kit

Weight

Power Supply:
3.3 lbs (1.5 kg)
Soldering Hand Tool:
3 oz (85 g)

Contents

971HA SMT Hot Air Station
(Includes LT428 Hot Air
Tip)

PD533 Tool Pod

PAS53 Tool Pod Air Switch

PR570 Flow Regulator and
Meter (SCFH)
SH230 Sponge Holder
(Includes RS199
Cleaning Sponge,
RS243 Pad, LN230
Liner)

WT620 Tip Wrench (1/4"
Socket)

WP556 WIGAPRY® static-safe
computer aid

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