ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Metcal SP440* at our website: *Click HERE*

SmartHeat®
Hand Soldering
SMT Rework
Desoldering
BGA Rework
CSP Rework
Fume Extraction
Fluid Dispensing
Inspection Systems
Terms & Conditions

SP440 Desoldering System | More Information...

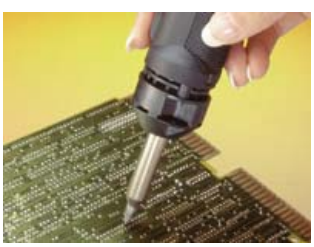


SP440 Desoldering System

The Metcal SP440 Desoldering System is designed for production level through-hole rework applications. With 50 Watts of power and tips specially designed to maximize heat transfer, the SP440 system is ideal for heavy load desoldering of components on heavy ground plane and multilayer PCBs. The SP440 system delivers superior Metcal performance at a price competitive with lesser tools.



Using Metcal's patented SmartHeat technology, the SP440 system delivers higher watt density power at lower temperatures than conventional desoldering tools, with no overshoot. This minimizes the risk of thermal damage during rework. The whisper quiet, self-contained vacuum pump delivers a powerful vacuum capable of clearing through-holes quickly and completely. Because the vacuum system is built into the unit, the SP440 system is portable and ideal for areas lacking shop air.



The lightweight, ergonomic pencil grip desolder tool is designed to maximize operator control and comfort while reducing fatigue during rework. The cable and vacuum tubing are burn proof. And the solder collection chamber has been designed for easy cleaning -- no glass tubes!

The SP440 Desoldering System includes a 50 Watt power supply with self-contained vacuum, desolder tool, and workstand. The SP440 system has an automatic Time-Out feature to extend tip life. A variety of desolder tips are sold separately.



Product Specifications

Power Supply

Tip-To-Ground Potential	< 2 mV, true RMS, 50-500 Hz
Tip-To-Ground Resistance	< 2 ohms, DC, unit on
Idle Temperature Stability	± 2 °F (± 1.1 °C), still air
Ambient Operating Temp	50 - 104 °F (10 - 40 °C)
Max Enclosure Temp	150 °F (65 °C)
Input Line Voltage SP440-11 SP440-12 SP440-21	 108-132 VAC 85-110 VAC 216-264 VAC
Input Line Frequency	45 - 70 Hz
Nominal Output	50 W @ 72 °F (22 °C) ambient
Output Frequency	470 KHz

Desolder Tool

Vacuum Rise Time	25 ms to 12 inches Hg
Handpiece Assy	5 ft (152 cm) carbon loaded silicone, shielded

Dimensions

Length x Width x Height	8.0" x 6.0" x 7.0" 20.3 x 15.2 x 17.8 cm
Weight (Total Unit)	9.0 lbs (4.1 kg)
Weight (Desolder Tool)	8.0 oz (227 g)

Standards Compliance

MIL-STD-2000, -1686, -45743E , WS-6536D and E
ESD 10^5-10^{11} ohm/square per ASTM D257
(ESD 10^5-10^9 ohm/square where possible)

Parts List

SP-440-11 Self-Contained Desoldering System, 120 VAC
SP-440-21 Self-Contained Desoldering System, 220/240 VAC

System Includes:

SP-PW3	Power Supply with power cord*
DP-DSG2	Desolder Tool assembly, pencil grip
DP-FIL	Filter Pack
DP-SL3	Front seal for DP-DSG2
DP-WSK2	Desolder workstand with AC-YS3 Sponge
AC-CP2	Cartridge removal pad
AC-TC	Tip Cleaners

*220/240VAC Systems do not include power cords.

Top

copyright © 2000 ok international. please read our privacy statement.

Search: Go!

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP