

CIRCUITWORKS® REPAIR/PROTOTYPE TOOLS

CircuitWorks® brand's comprehensive line of conveniently packaged and precision dispensing rework and repair products makes circuit board repair and prototyping faster, easier and more accurate. Advanced-formula materials packaged in unique delivery systems ensure superior performance and pinpoint accuracy. The full range of products meets all of the technicians needs for electronics rework and prototyping – repairing, cleaning, protecting, lubricating, bonding, and restoring electrical conductivity to circuit boards and components. Products are grouped in the following product areas:

- **Repair/Cleaning Products**
- **Lubricants**
- **Adhesives/Epoxies**

CIRCUITWORKS® REPAIR/CLEANING PRODUCTS

CIRCUITWORKS® CONDUCTIVE PEN *The pen dispenser for drawing highly conductive silver traces, jumpers and shielding with precision and control*

- Quickly creates conductive silver traces on most surfaces
- Valved pen tip for easy application
- Can be soldered at low temperatures
- Dries in minutes at room temperature
- Choice of Micro Tip for fine lines or Standard Tip for wider lines

| | |
|---------------------|--------------|
| Standard Tip | 8.5 g |
| Micro Tip | 8.5 g |

CIRCUITWORKS® FLUX CONDUCTIVE PEN

The micro-tip pen for drawing conductive traces on flexible and ITO surfaces

- Quickly creates flexible conductive silver traces on Mylar® and flex circuitry
- Micro tip for precise applications
- Dries in minutes at room temperature
- Highly adherent polymer system

8.5 g

CIRCUITWORKS® OVERCOAT PEN

The pen dispenser for precise application of a tough protective acrylic conformal coating

- Protects Conductive Pen (CW2200) traces
- Repairs permanent solder mask
- Protects against shorting, arcing, abrasion and moisture
- Dries in minutes at room temperatures
- Choice of clear or green coating

| | |
|--------------|--------------|
| Clear | 4.9 g |
| Green | 4.9 g |

For more information please contact:

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REPAIR/PROTOTYPE TOOLS

CIRCUITWORKS®

CONFORMAL COATING REMOVER PEN

The pen for precise removal of silicone, acrylic and urethane coatings from PCBs

- Removes most types of coatings in seconds
- Spot cleans tight tolerance areas on circuit boards
- Marker dispenser provides controlled and exact application
- Evaporates quickly
- Provides low surface tension for superior wetting

9.0 g

CIRCUITWORKS®

FLUX DISPENSING PEN

The pen for applying flux with precision and control

- Chisel tip marker provides exact delivery of flux to surface
- Easily removed with appropriate Flux Remover Pen or Flux-Off® flux remover

No Clean Flux Dispensing Pen: CW8100 9.0 g

- Applies a patented noncorrosive, halide free, organic no-clean flux
- Flux meets Bellcore TR-NWT-000078 and IPC SF-818 for Surface Insulation Resistance

Rosin Flux Dispensing Pen: 9.0 g

- Applies a noncorrosive Type R flux
- Flux meets MIL-F-14256 E+F Type R and RMA

CIRCUITWORKS®

FLUX REMOVER PEN

The pen for precise removal of flux from printed circuit boards

- Completely removes flux in seconds
- Spot cleans tight tolerance areas on circuit boards
- Marker dispenser provides controlled and exact application
- Dries fast

No Clean Flux Remover Pen: 9.0 g

Rosin Flux Remover Pen: 8.0 g

CIRCUITWORKS®

RUBBER KEYPAD REPAIR KIT

The conveniently-sized kit for permanent repair of rubber keypads

- Restores electrical conductivity to worn carbon contacts
- Forms a tough, flexible, wear-resistant surface
- CW2605 repairs over 50 rubber button contacts; CW2610 repairs over 200 rubber button contacts
- Repairs tested to 500,000 keystrokes

Single Pack

Adhesive 3.0 g
Curing Agent 0.3 g

Twin Pack

Adhesive 5.0 g
Curing Agent 0.5 g