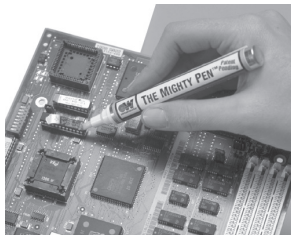


CIRCUITWORKS® REPAIR/PROTOTYPING TOOLS

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. The full range of products meets all of the technician's needs for electronic rework and prototyping—repairing, cleaning, protecting, lubricating, bonding and restoring electrical conductivity to circuit boards and components.



CIRCUITWORKS® THE MIGHTY PEN™

The powerful universal cleaning pen. **FEATURES:** Ideal for quick, convenient, and precise spot removal of ink stains, label adhesives, conformal coatings, and most stubborn-to-remove soils from PC boards and many other surfaces. Solvent provides low surface tension for superior wetting, is fast drying, has low toxicity. Mild citrus aroma.

Cat. No.	Description	Size	Net Price
♣ CW3700	Universal Cleaning Pen	11.0 (0.39 oz)	\$9.01

NOTE: Product Selection Guide found at the end of the Chemtronics section.



CIRCUITWORKS® CONDUCTIVE PEN

The pen dispenser for drawing highly conductive silver traces, jumpers and shielding with precision and control. **FEATURES:** Quickly creates conductive silver traces on most surfaces. Valved pen tip for easy applications. Solderable at low temperatures. Dries in minutes at room temperature. Choice of micro tip for fine line or standard tip for wider lines.

Cat. No.	Description	Size	Net Price
♣ CW2200STP	Standard Tip	8.5 g (0.3 oz)	\$22.30
♣ CW2200MTP	Micro Tip	8.5 g (0.3 oz)	22.30

NOTE: Product Selection Guide found at the end of the Chemtronics section.



CIRCUITWORKS® OVERCOAT PEN

The pen dispenser for precise application of a tough, protective acrylic conformal coating. **FEATURES:** Protects conductive pen traces. Repairs permanent solder mask. Protects against shorting, arcing, abrasion and moisture. Dries in minutes at room temperature. Choice of clear or green coating.

Cat. No.	Description	Size	Net Price
♣ CW3300G	Green	4.9 g (0.16 oz)	\$18.38
♣ CW3300	Clear	4.9 g (0.16 oz)	14.03

NOTE: Product Selection Guide found at the end of the Chemtronics section.



CIRCUITWORKS® CONFORMAL COATING REMOVER PEN

The pen for precise removal of silicone, acrylic and urethane coatings from PCBs. **FEATURES:** 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.

Cat. No.	Description	Size	Net Price
♣ CW3500	Conformal Coating Remover Pen	9 g (0.32 oz)	\$12.81

NOTE: Product Selection Guide found at the end of the Chemtronics section.



CIRCUITWORKS® FLUX DISPENSING PEN

The pen for applying flux with precision and control. Chisel tip marker provides exact delivery of flux to surface. Easily remove with appropriate Flux Remover Pen or Flux-Off® flux remover. Flux meets ANSI/IPCJ-STD-004, Type ROL0. **CW8100 No Clean Flux Dispensing Pen:** Applies Patented noncorrosive, halide free, organic no-clean flux. Flux meets Bellcore TR-NWT-000078 and IPC SF-818 for Surface Insulation Resistance. **CW8200 Rosin Flux Dispensing Pen:** Applies a noncorrosive type R flux. Flux meets MIL-F-14256 E+ F Type R and RMA.

Cat. No.	Description	Size	Net Price
♣ CW8100	No Clean Flux	9 g (0.32 oz)	\$7.19
♣ CW8200	Rosin Flux	9 g (0.32 oz)	6.95

NOTE: Product Selection Guide found at the end of the Chemtronics section.



CIRCUITWORKS® FLUX REMOVER PEN

The pen for precise removal of flux from printed circuit boards. **FEATURES:** Completely removes flux in seconds. Spot cleans tight tolerance areas on circuit boards. Marker dispenser provides controlled and exact applications. Dries fast.

Cat. No.	Description	Size	Net Price
♣ CW9100	No Clean Flux Remover	9 g (0.32 oz)	\$9.95
♣ CW9200	Rosin Flux Remover	8 g (0.28 oz)	9.52

NOTE: Product Selection Guide found at the end of the Chemtronics section.