



New Product Intro

Connection Validation New Hand-pieces

Precision Tweezer Hand-piece for CV

Metcal's Precision tweezer hand-piece for the CV-5200 Soldering Systems transform the CV-5200 into a rework system for applications requiring the removal of surface mount components from 1mm x 1mm on up.

Key Features & Benefits:

- Adjustable tip alignment for both height, and rotation ensures co-planarity of the tip cartridges
- Dual position pitch-switch enables adjustment of pincer-action, adjusting to the component width, improving operator ergonomics.
- Lightweight and ergonomic hand-piece
- Quick change tip cartridges with keyway to prevent miss-alignment

For use with PTC Tweezer Cartridges

Part Number	Description	List Price
CV-H4-PTZ	CV Precision Tweezer Hand-piece	\$305.59
CV-UK4	CV PTZ Upgrade Kit, Hand-piece & Work-stand	\$392.95

High Thermal Demand for CV

High Thermal Demand for Solder Wire Feeder for CV

Metcal's High Thermal Demand hand-pieces and tips transform the CV-5200 Soldering Systems into a powerhouse for applications with high thermal loads such as dense boards, without damaging sensitive components. Adding the High Thermal Demand for Solder Feeder to your system provides additional process control and convenience to your soldering process.

It reduces the risk of prolonged soldering contact and improves time to manufacture while maintaining the comfort of the sleek and ergonomic hand-piece that you're used to.

Metcal's HTD solution provides a boost in performance by more effectively delivering thermal energy to the most demanding loads.

Key Features & Benefits:

- Improved temperature control: Metcal's SmartHeat® inside means lower risk of overshooting delicate components
- Very fast heat-up speed means you can get to your next task even faster
- Ergonomic lightweight hand-piece keeps you comfortable even on large industrial jobs

Compatible with HCV cartridges and available in 700, 800, and 900 series temperatures

Part Number	Description	List Price
CV-H6-HTD	CV High Thermal Demand Hand-piece	\$139.00
CV-UK6	CV HTD Upgrade Kit, Hand-piece & Work-stand	\$226.35
CV-H7-HTD	CV HTD Hand-piece for Solder Wire Feeder	\$249.40
CV-UK7-HTD	CV HTD Upgrade Kit with Solder Wire Feeder	\$673.40



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Solder Wire Feeder for CV

Speed Up Your Soldering Process & Increase Your Line Efficiency:

Metcal's Solder Wire Feeder System adds control and convenience to your soldering process. The digital controls, high performance, and its ability to handle multiple solder wire diameters provide repeatability and functionality to your process. The Solder Wire Feeder pairs with Metcal's SmartHeat® CV-5200 or CV-500 Soldering Systems.

Key Features & Benefits:

- Improved temperature control: Metcal's SmartHeat® inside means lower risk of overshooting delicate components
- Very fast heat-up speed means you can get to your next task even faster
- Ergonomic lightweight hand-piece keeps you comfortable even on large industrial jobs

Compatible with CVC cartridges and available in 700, 800, and 900 series temperatures

Part Number	Description	List Price
CV-H7-AV	CV Solder Wire Feeder Hand-piece	\$249.40
CV-UK7	CV Upgrade Kit with Solder Wire Feeder	\$673.40



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Desolder Hand-piece for CV

Metcals desolder hand-piece for the CV-5200 Soldering Systems transform the CV-5200 into a rework system for applications requiring the removal of solder such as through-hole components.

Key Features & Benefits:

- Designed for plated through-hole component desoldering
- Ergonomic easy-to-grip handle
- The hand-piece requires shop air for operation

For use with DSC Series Desolder Cartridges

Part Number	Description	List Price
CV-H5-DS	CV Desolder Hand-piece with air hose assy.	\$329.95
CV-H5-DSHP	CV Desolder Hand-piece only (no hose assy.)	\$281.95
CV-UK5	CV Desolder Upgrade Kit, Hand-piece & Work-stand	\$449.50

Note: The CV-H5-DS hand-piece is now shipped with the necessary air hose and fittings. Order CV-H5-DSHP if you need hand-piece only with no hose and fittings.

Accessories for Desolder Hand-piece:

Part Number	Description	List Price
CV-DAH4	ESD Air Hose for CV-H5-DS	\$48.00
CV-DAR1	Air Regulator & Filter	\$199.95
CV-DCF1	Chamber Liners (Pack of 15), Filters (pack of 6)	\$29.95
CV-DCF1F	Filters, Pack of 20	\$10.25
CV-DLA	Desolder Gun Latch Adjustment (Pack of 10)	\$32.05
CV-DMK1	Maintenance Kit	\$43.95
CV-DSB	Swivel Connector	\$8.65
CV-DSL1	Seal Chamber	\$7.40
CV-DSL2	Seal Cartridge	\$7.40
CV-DVC1	Venturi Cartridge	\$11.25
CV-RM8E	Desoldering Hand-Piece Cord For CV-H5-DS	\$107.95
CV-W5DS	Work-stand for CV-H5-DS	\$87.95



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Ultrafine Hand-pieces for CV



Metcal's UltraFine[®] hand-pieces provide specialty tools for soldering and rework of very small components, with restricted access or high component density packaging on a PCB. Metcal's UltraFine[®] hand-pieces pair with Metcal's SmartHeat[®] CV-5200 and upcoming CV-500 Soldering Systems.

Key Features & Benefits:

- Precision temperature control: Metcal's SmartHeat[®] inside means lower risk of overshooting delicate components
- Independent tweezer tip alignment adjustment for improved precision
- Very fast heat-up speed means you can get to your next task even faster
- Ergonomic, lightweight hand-piece keeps you comfortable even on large industrial jobs
- Designed for use under a microscope
- UFC cartridges available in 600 and 700 series temperatures for the UltraFine[®] hand-piece. UFT cartridges available in 600 and 700 series temperatures for the UltraFine[®] Tweezer hand-piece

Part Number	Description	List Price
CV-H2-UF	CV Ultrafine Hand-piece	\$166.30
CV-UK2	CV Ultrafine Upgrade Kit, Hand-piece & Work-stand	\$254.25
CV-W1AV	CV Work-stand for Ultrafine Hand-piece	\$87.95
CV-H4-UFT	CV Ultrafine Tweezer Hand-piece	\$232.05
CV-UK4-UFT	CV UF Tweezer Upgrade Kit, Hand-piece & Work-stand	\$320.00
CV-W4PT	CV Work-stand for Ultrafine Tweezer Hand-piece	\$87.95