

Cartridge Selection Guide

CV & MX Soldering/Desoldering/Rework Systems



ConnectionValidation™ (CV) & MX Cartridges

For use with:

CV-5200 Series

CV-500 Series

MX-5000 Series

MX-5200 Series

MX-500 Series

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Cartridges for CV and MX Soldering Systems

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HCV Cartridges for High Thermal Demand applications with increased heating elements are compatible with MX-5000, MX-5200 and CV-5200 Systems
MX-H6-HTD, CV-H6-HTD, CV-H7-HTD Solder Hand pieces.

HTC Cartridges for High Thermal Demand applications are compatible with MX-5000 and MX-5200 Systems – MX-H6-HTD Solder Hand pieces.



Temperature	CV-Series	MX-Series	Application
775 °F/413 °C	HCV-7	HTC-7	Most Standard
875 °F/468 °C	HCV-8	HTC-8	Ceramic and High Thermal Demand
950 °F/510 °C	HCV-9	HTC-9	

Please note the above temperatures are the maximum temperatures of the heater. The idle temperature is dependent on the geometry of the cartridge.

For High Mass Applications			
	HCV-7CN0020S	HTC-7CN0020S	Conical, (ϕ x L) 2 x 8.3 mm
	HCV-8CN0020S	HTC-8CN0020S	
	HCV-9CN0020S	HTC-9CN0020S	
	HCV-7CH0015S	N/A	Chisel, (W x L) 1.47 x 10.4 mm
	HCV-8CH0015S		
	HCV-8CH0015S		
	HCV-7CH0018S	N/A	Chisel, (W x L) 1.85 x 10 mm
	HCV-8CH0018S		
	HCV-9CH0018S		
	HCV-7CH0025S	HTC-7CH0025S	Chisel, (W x L) 2.5 x 8 mm
	HCV-8CH0025S	HTC-8CH0025S	
	HCV-9CH0025S	HTC-9CH0025S	

For High Mass Applications

	HCV-7CH0053S	HTC-7CH0053S	Chisel, (W x L) 5.3 x 8.3 mm
	HCV-8CH0053S	HTC-8CH0053S	
	HCV-9CH0053S	HTC-9CH0053S	
	HCV-7VG0053S	HTC-7VG0053S	V-Groove Chisel for pin soldering, Grove (W x L) 1.0 x 4 mm, (W x L) 5.3 x 8.3 mm
	HCV-8VG0053S	HTC-8VG0053S	
	HCV-9VG0053S	HTC-9VG0053S	