

# CV-H9-MFH

User Guide | Guide de l'utilisateur | Benutzerhandbuch | Guida per l'utente | Guía del usuario

用戶指南| ユーザー ガイド| 사용 설명서

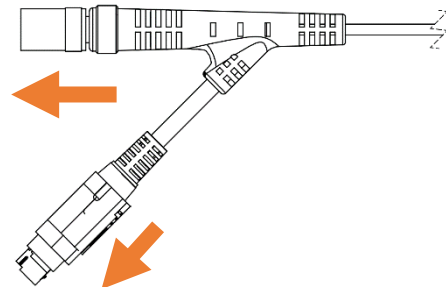


**MicroFine Solder Handpiece for CV Systems**  
**Pièce à souder MicroFine pour systèmes CV**  
**Mikrofeines Löthandstück für CV-Systeme**  
**Manipolo a saldatura MicroFine per sistemi CV**  
**Pieza de mano de soldadura MicroFine para sistemas CV**  
**适用于 CV 系统的 MicroFine 焊接手柄**  
**CV システム用 MicroFine はんだ付けハンドピース**  
**CV 시스템용 초미세 솔더 핸드피스**

Metcal CV-H9-MFH MicroFine solder handpiece and compatible tips are designed for work under the microscope.  
La pièce à souder MicroFine CV-H9-MFH de Metcal et les embouts compatibles sont conçus pour fonctionner au microscope.  
Das Metcal CV-H9-MFH MicroFine L thandst ck und die kompatible Spitzen sind f r Arbeit unter dem Mikroskop konzipiert.  
Il manipolo per saldatura Metcal CV-H9-MFH MicroFine e le punte compatibili sono progettati per il lavoro al microscopio.  
La pieza de mano de soldadura Metcal CV-H9-MFH MicroFine y las puntas compatibles est n dise adas para trabajar bajo el microscopio.  
Metcal CV-H9-MFH MicroFine 焊接手柄和兼容吸头专为在显微镜下工作而设计。  
Metcal CV-H9-MFH MicroFine はんだ付けハンドピースと互換性のあるチップは、顕微鏡下での作業向けに設計されています。  
Metcal CV-H9-MFH MicroFine 초미세 솔더 핸드피스 및 호환 팁은 현미경으로 작업하도록 설계되었습니다.



Handpiece connects to Metcal CV Systems  
La pi ce   main se connecte aux syst mes Metcal CV  
Das Handst ck wird an Metcal CV-Systeme angeschlossen  
Il manipolo si collega ai sistemi CV Metcal  
La pieza de mano se conecta a los sistemas Metcal CV  
手柄连接到 Metcal CV 系统  
ハンドピースは金属製 CV システムに接続します  
핸드피스는 Metcal CV 시스템에 연결됩니다



| Part Number | Description                          |
|-------------|--------------------------------------|
| CV-H9-MFH   | CV MicroFine Handpiece               |
| MFH-WS9     | MicroFine Handpiece Workstand        |
| CV-UK9      | CV MicroFine Handpiece and Workstand |

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| Specifications |         |
|----------------|---------|
| Weight         | < 12 gm |
| Length         | 115 mm  |
| Cable Length   | 1.9 m   |

| Specifications   |             |
|------------------|-------------|
| Cable Thickness  | 3.5 mm      |
| Max. Temp @ grip | 42 °C       |
| Grip             | Replaceable |

## MicroFine Handpiece Cartridges

### Temperature Guide

|        | Max. Temp.      | Application                        |
|--------|-----------------|------------------------------------|
| MFTC-6 | 675 °F / 357 °C | Temperature sensitive applications |
| MFTC-7 | 775 °F / 413 °C | Most general applications          |

### Part Numbers, Geometries, and Dimensions

| Part Number                      | Geometry     | Description                                              | Dimensions      |
|----------------------------------|--------------|----------------------------------------------------------|-----------------|
| MFTC-6CH5002<br>MFTC-7CH5002     | Chisel       | SOLDER TIP CART, CHISEL, 0.2 mm x 5 mm, MF               | 0.2 mm x 5 mm   |
| MFTC-6CH5004<br>MFTC-7CH5004     | Chisel       | SOLDER TIP CART, CHISEL, 0.4 mm x 5 mm, MF               | 0.4 mm x 5 mm   |
| MFTC-6CH5006<br>MFTC-7CH5006     | Chisel       | SOLDER TIP CART, CHISEL, 0.6 mm x 5 mm, MF               | 0.6 mm x 5 mm   |
| MFTC-6CH5008<br>MFTC-7CH5008     | Chisel       | SOLDER TIP CART, CHISEL, 0.8 mm x 5 mm, MF               | 0.8 mm x 5 mm   |
| MFTC-6CH5012<br>MFTC-7CH5012     | Chisel       | SOLDER TIP CART, CHISEL, 1.2 mm x 5 mm, MF               | 1.2 mm x 5 mm   |
| MFTC-6CN5001<br>MFTC-7CN5001     | Conical      | SOLDER TIP CART, CONICAL, 0.1 mm x 5 mm, MF              | 0.1 mm x 5 mm   |
| MFTC-6CNR5001<br>MFTC-7CNR5001   | Conical      | SOLDER TIP CART, CONICAL REACH, 0.1 mm x 5 mm, MF        | 0.1 mm x 5 mm   |
| MFTC-6CN5003<br>MFTC-7CN5003     | Conical      | SOLDER TIP CART, CONICAL, 0.3 mm x 5 mm, MF              | 0.3 mm x 5 mm   |
| MFTC-6CN5005<br>MFTC-7CN5005     | Conical      | SOLDER TIP CART, CONICAL, 0.5 mm x 5 mm, MF              | 0.5 mm x 5 mm   |
| MFTC-6CNB4501<br>MFTC-7CNB4501   | Conical Bent | SOLDER TIP CART, CONICAL BENT, 0.1 mm x 4.5 mm, MF       | 0.1 mm x 4.5 mm |
| MFTC-6CNBR4501<br>MFTC-7CNBR4501 | Conical Bent | SOLDER TIP CART, CONICAL BENT REACH, 0.1 mm x 4.5 mm, MF | 0.1 mm x 4.5 mm |
| MFTC-6CNB5602<br>MFTC-7CNB5602   | Conical Bent | SOLDER TIP CART, CONICAL BENT, 0.2 mm x 5.6 mm, MF       | 0.2 mm x 5.6 mm |
| MFTC-6CNB4503<br>MFTC-7CNB4503   | Conical Bent | SOLDER TIP CART, CONICAL BENT, 0.3 mm x 4.5 mm, MF       | 0.3 mm x 4.5 mm |
| MFTC-6CNB4505<br>MFTC-7CNB4505   | Conical Bent | SOLDER TIP CART, CONICAL BENT, 0.5 mm x 4.5 mm, MF       | 0.5 mm x 4.5 mm |
| MFTC-6HF5006<br>MFTC-7HF5006     | Hoof         | SOLDER TIP CART, HOOF, 0.6 mm x 5 mm, MF                 | 0.6 mm x 5 mm   |
| MFTC-6CC5007<br>MFTC-7CC5007     | Slot         | SOLDER TIP CART, CHISEL SLOT, 0.7 mm x 5 mm x 1.0 mm, MF | 0.7 mm x 5 mm   |

## For Sales & Support

Please visit Metcal's website ([metcal.com](http://metcal.com)) where you will find available information on systems, accessories, technical notes, and more.  
Visitez le site Web de Metcal ([metcal.com](http://metcal.com)) où vous trouverez les informations disponibles sur les systèmes, les accessoires, les notes techniques, etc.  
Auf der Website von Metcal ([metcal.com](http://metcal.com)) finden Sie Informationen über Systeme, Zubehör, technische Hinweise und mehr.  
Visite el sitio web de Metcal ([metcal.com](http://metcal.com)), donde encontrará información disponible sobre sistemas, accesorios, notas técnicas y más.  
请访问 Metcal 的网站 ([metcal.com](http://metcal.com))，在这里您可以找到有关系统、配件、技术说明等的可用信息。  
システム、アクセサリ、テクニカルノートなど利用可能な情報に関しては Metcal のウェブサイト ([metcal.com](http://metcal.com)) を参照してください。  
시스템, 액세서리, 기술 노트 등에 대한 정보를 찾을 수 있는 Metcal 웹사이트([metcal.com](http://metcal.com))를 방문하여 확인하십시오.