

# WXMPS MS

## SMART MICRO SOLDERING IRON

MS 40 W, 12 V

(HAND PIECE WITHOUT TIPS)

WITH ACTIVE-TIP HEATING TECHNOLOGY

FOR RTMS MS / RTPS MS TIPS



ORDER NO: T0052923699

### + KEY FEATURES

#### > PERFECT FOR PICO, MICRO AND STANDARD SOLDERING APPLICATIONS FROM SMALLEST TO STANDARD COMPONENT SIZES

Weller's WXMPS Smart Micro Soldering Iron is a unique 2-in-1 soldering tool with 40 W that is compatible for almost all Pico & Micro soldering applications from smallest to standard component sizes. It can be used with Weller's Tip Family RTPS MS for very small Pico applications, and RTMS MStip Family for micro applications.

#### > EXTREMELY FAST 3-SECOND HEAT-UP TIME

The smart Micro Soldering Iron WXMPS MS uses Weller's Active Tip Technology (cartridge) for an optimized heat transfer with 40W maximum power, 12V performance. The extremely fast 3-second heat-up time delivers excellent heat transfer and recovery time during the soldering process for a high-performance continuous workflow. Short tip-to-grip distance provides maximum precision during the soldering process.

#### > PRECISE AND FAST HEAT TRANSFER WITH FAST RECOVERY TIME

Optimal sensor position close to the solder tip provides an excellent heat transfer, maximum power and recovery time

#### > WIDE TIP RANGE FOR EVERY APPLICATION

More than 40 smart universal soldering tip shapes and sizes that are connectable to just one soldering iron, with no need for additional tools.

#### > EASY TOOL IDENTIFICATION WITH VISUAL PROCESS CONTROL

Identification of the connected tool is fast and simple due to integrated RGB-lights. Easily customize the light colors to your own preference.

#### > INTELLIGENT TOOL DETECTION PROTECTS FROM DEFAULTS

All connected tools and accessories are detected automatically by the stations. In-use tools are shown by both photo and text on the large station display.

#### > SAVE INDIVIDUAL SOLDERING PROCESSES WITH INTEGRATED PARAMETER MEMORY

Up to 10 parameter settings can be customized and stored in the soldering iron, including standby temperatures and automatic switch-off times. The parameter setting remains on the iron, regardless of the station being used.

#### > FAST, SAFE AND EASY TIP EXCHANGE

The patented Weller RT cartridge Tips can be changed quickly without the need for additional tools, stand or pad, despite hot temperature conditions.

#### > REDUCED ENERGY CONSUMPTION THANKS TO A MOTION SENSOR

The soldering iron goes into "standby mode" when not in use. Simply move the iron to regain the it's working temperature within seconds.

#### > MAXIMUM PROTECTION

The WXMPS MS (military standard) smart soldering irons & soldering tips are fully compliant with IPC industry standards (IPC - TM-650 2.5.33 Measurement of Electrical Overstress from Soldering HandTools) and are also MIL-SPEC compliant. This provides maximum protection to both the printed circuit board and components, achieving excellent results, while keeping operating costs low.

#### > TOOL COMPATIBILITY

Iron for use with RTMS MS and RTPS MS smart Soldering Tip Family and WXsmart Soldering Station

#### TECHNICAL DATA SOLDERING IRON WXMPS MS (PICO/MICRO)

Temperature range °C: 100 - 450 Temperature range °F: 200 - 850
Power consumption: 40 W
Mains supply voltage: 12V / AC
Heat-up time: 3 s (50°C to 350°C / 120°F to 660°F)
Tip type series: RTMS MS / RTPS MS
Safety rest: WSR 208
Supply unit: WX Smart Station
<b>Subject to technical alterations and amendments.</b>