

# multicomp PRO



## MP740971 Data sheet

MP740971 soldering iron is equipped with high performance 80W plug-and-play integrated active tip to achieve fast temperature rise. With its high efficient PID program temperature control technology, it automatically detects actual temperature constantly for fast temperature return, which could offer more accurate soldering temperature that your projects ask for. MP740971 is a perfect handheld tool for electronic workers to create, modify, or repair in home DIY, electronics maintenance and other soldering projects.

- OLED display for easy and user-friendly menu operation, screen brightness can be adjusted from level 1-100 to suit all environments.
- °C / °F conversion to suit users requirements.
- Wide temperature range of 100-500°C (212-932°F) to meet all your soldering project needs.
- PID control technology enables quick temperature rise and precise temperature control.
- Plug-and-play integrated active tip, very convenient to change the tip shape/heater.
- Soft silicone power cable for high temperature resistance and flexibility.
- Easy MCU calibration, to help correct the temperature discrepancies.
- Temperature compensation with  $\pm 100^{\circ}\text{C}/\pm 180^{\circ}\text{F}$ .
- Bilingual (I.E. both in English and German).
- Auto standby and sleep function to ensure personal and property safety, and extend product service life.
- Temperature lock function, to prevent from adjusting temperature improperly.
- Ergonomic-design, slim and light-weight handle for comfortable grip.
- Display direction can be 180° change.
- Magnetic base with reusable sticker, allows the display screen to be placed remotely from the work area.

Model number	MP740971
Power	80W
Input voltage	230VAC
Temperature range	100–500°C (212-932°F)
Digital display	0.96 inch OLED
Heating element	T60 series integrated active heater
Power cord length	0.65m
Handle cable length	1.25m
Net weight	190g
Temperature stability	$\pm 2^{\circ}\text{C}/\pm 4^{\circ}\text{F}$ (when temperature $> 200^{\circ}\text{C}/400^{\circ}\text{F}$ )
Tip to ground resistance	$< 0.1\Omega$
Tip to ground voltage	$< 2\text{mV}$
Packing list	1 x Soldering iron 1 x Control main unit 1 x Magnetic base 1 x User manual 1 x Iron stand



### INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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