

Why does JBC Technology offer the Most Efficient Soldering System?

1 JBC Technology

JBC provides the Most Efficient Soldering System which leads to quality improvement and an efficiency increase.

Improve Quality



JBC exclusive technology allows **reduction of working temperature by at least 50°C (90°F)** compared to our top competitors. The risk of damaging components is minimum and quality improves.

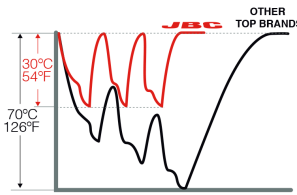
WORKING TEMPERATURE
<50°C COMPARED TO TOP COMPETITORS

-	+
Risk of damaging components	Quality of soldering and desoldering

Heat Control



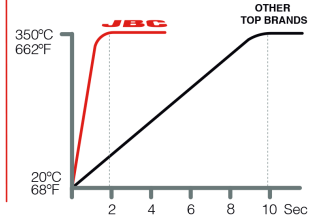
Tips with JBC technology drop 30°C (54°F) in comparison with other technologies dropping up to 70°C (126°F).



Increase Efficiency



JBC system can reach 350°C (662°F) in only 2 seconds, while others need between 10 and 90 seconds.



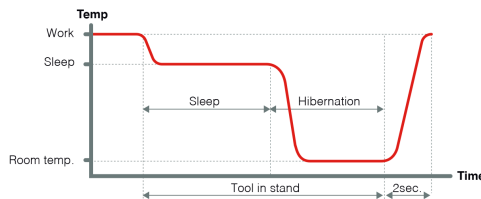
2 Intelligent Heat Management

Thanks to both Sleep Mode and Hibernation Mode, tip life increases exponentially.

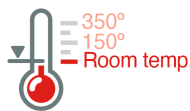
Sleep Mode



Automatic stand detection makes the tool enter in Sleep Mode when not in use, lowering tip temperature below the solder melting point.



Hibernation Mode

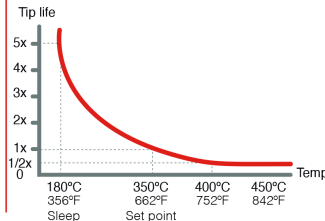


This mode cuts off the power making the tip reach room temperature thus preventing oxidation and saving energy.

Tip Life x5



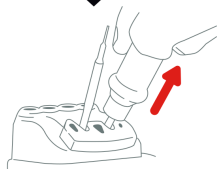
Thanks to JBC Exclusive Heating System and Sleep & Hibernation Mode, the temperature adjustment extends tip life up to 5 times.



3 Increased Productivity

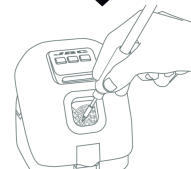
Use Quick Cartridge Extractor to change cartridges quickly and safely without switching the station off.

Changing Cartridges



No tools needed to change the tip.
Just place the tip in the holder, pull and insert the new tip. Reduces your idle time while increasing operator safety.

Cleaning System



For optimal heat transfer, keep the tip clean, tinned and thus free of oxides.
Effective, quick and safe method to prevent splashing and extend tip life.