



Simple and easy to use for rework technicians or operators on the line.

MBT 301

The MBT 301 is a multi-technology system with two, individually controlled, universal handpiece channels. The system features a two-line back lit LCD display. The programmable features include: password protection from unauthorized changes, a user definable temperature operating range, and “SetBack” & “Auto-Off” functions to preserve tip life. To protect your more expensive tip-heater cartridge and fine point soldering tips from oxidation, the TD-100 can be used with the optional “Tip & Tool Stand with Instant-Setback”. The Tip & Tool Stand puts the iron’s channel into setback if it is idle in the Tip & Tool Stand for more than 45 seconds! One Tip & Tool Stand with Instant-Setback can be connected to the MBT 301.



The new dual purpose vacuum/pressure pump and delivery system featuring PACE’s patented SNAP-VAC Technology, provides the most vacuum available for desoldering applications. When used with an air pencil, the high resolution, pressure control valve allows for precise adjustment when working on the smallest components such as Q201’s.

Specifications	MBT 301	MBT 350	MBT 301 E	MBT 350 E
Kit with Handpieces Part Numbers:	8007-0478 (TD-100 & SX-100)	8007-0454 (TD-100, MT-100 & SX-100)	8007-0479 (TD-100 & SX-100)	8007-0455 (TD-100, MT-100 & SX-100)
Power Source Only Part Numbers:	8007-0480	8007-0452	8007-0481	8007-0453
Power Requirements	120 VAC, 60 Hz (240 watts maximum)		230 VAC, 50 Hz (240 watts maximum)	
IntelliHeat® Compatibility	IntelliHeat® Handpieces with Tip Heater Cartridge or SensaTemp® Technology			
Dimensions	135mm (5.3") H x 165mm (6.5") W x 260mm (9.25") D			
Weight	5 Kgs (11 lbs.)			
Tip to Ground Resistance	< 2 Ohms			
Temperature Stability	± 1.1°C (2°F)			
Temperature Accuracy	Meets or exceeds ANSI J Std 001			
Set Temp Range	37-482°C (100-900°F) SensaTemp® 205-454°C (400-850°F) tip Heater Cartridge			
Vacuum Rise Time	150 ms Average			
Vacuum	20 in Hg max			
Pressure	18 p.s.i. max			
Air Flow	8 SLPM max			

