MBT 301

SIMPLE AND EASY TO USE FOR REWORK TECHNICIANS OR OPERATORS ON THE LINE

MBT 301

MBT 301 - Simple and easy to use for rework technicians or operators on the line.

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(N) can be used with the optional "Instant-SetBack Cubby". The cubby puts the iron's channel into setback if it is idle in the cubby for more than 45 seconds! One Instant SetBack Cubby 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 0201's.

MBT 301

MBT 300 SERIES SPECIFICATIONS

SPECIFICATIONS	MBT 301	MBT 350	MBT 301 E	MBT 350 E
Kit with Handpieces Part Numbers:	8007-0478 (TD-100 & SX-80)	8007-0454 (TD-100, MT-100 & SX-80)	8007-0479 (TD-100 & SX-80)	8007-0455 (TD-100, MT-100 & SX-80)
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)	
Handpiece Technology Compatibility	Blue Series Handpieces with TempWise or SensaTemp Technology			
Dimensions	135mm H x 165mm W x 260mm D (5.3" x 6.5" x 9.25")			
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) TempWise			
Vacuum Rise Time	150 ms Average as measured with PACE Process Monitor			
Vacuum	20 in Hg max			
Pressure	18 p.s.i. max			
Air Flow	8 SLPM max			

MBT 350

The MBT 350 is loaded with features to improve quality, increase through-put, extend tip life, and protect your process. The system is fully programmable and can be password protected from unauthorized changes. In some cases technicians become frustrated with being locked into a single temperature. The MBT 350 provides the solution! An approved operating range can be programmed allowing operators the flexibility to do their work, while eliminating the risks associated with giving techs access to the entire temperature range of the system. Operators can be given a range of 5 to 450°F (3-250°C) to operate within! When high-mass tips are required, an offset can be programmed for each of the three channels, individually.
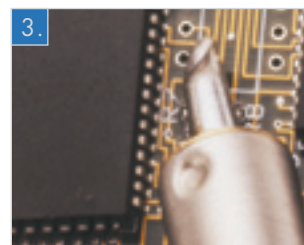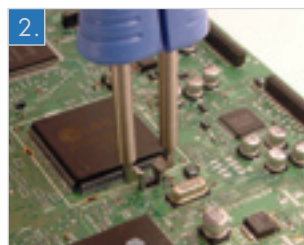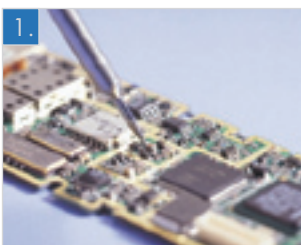
To maximize tip life and reduce operating costs, PACE's well recognized "Setback" and "Auto-Off" features are included. The system will automatically reduce the set temperature by 50% then turn off after a user defined period of inactivity, from 1 to 90 minutes. To really protect your more expensive tip-heater cartridge and fine point soldering tips from oxidation, the TD-100 can be used with the new "Instant-Setback Cubby". The cubby puts the iron's channel into setback if it's in the cubby for more than 45 seconds! Up to two instant setback cubbies can be connected to the MBT 350.

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 0201's.

MBT 350

The new backlit, digital, LCD screen displays the temperature of all three handpiece channels or, with scan mode activated, will cycle through the handpiece channels one at a time displaying set and actual temperatures. The backlight and character contrast on the display can be adjusted to meet individual preferences. And finally, the system can be programmed with the name of the operator or company which is displayed when the system is turned on.

1. TD-100 THERMO-DRIVE IRON
2. MT-100 MINITWEEZ
3. PS-90 UNIVERSAL IRON
4. TT-65 THERMOTWEEZ
5. TJ-85 THERMOJET
6. SX-90 SODR-X-TRACTOR
7. TP-100 THERMOPIK