

MBT 350 PRESS RELEASE



Not all applications are equal and being stuck with a rework system with a single heating technology just doesn't cut it in today's fast paced world. Most rework systems only offer one type of heating technology, even though "variety" is the common denominator in modern PCB rework. A single heating technology is never going to fit every application and willing operators struggle to make it work. This limits productivity.



As our industry evolves, the heating technology used in rework systems must also evolve. Component foot-prints are shrinking and pose lighter thermal demands while through-put requirements increase. At the same time, thermally massive power management components, connectors, heat sinks, RF shields, and SMDs on heavy ground planes are not going away.

The ability to have multiple heating technologies available within an arm's length, in a single system directly affects the bottom line. The MBT 350 is the first real "dual technology" system that delivers the most preferred heating technology to the application without limitation!

Other systems have tried to offer the best of both worlds in the past by assigning one type of heating technology to a specific handpiece channel. The problem is that this LIMITS the number and type of handpieces that can be connected to the system at a given time. Every serious rework technician knows that FLEXIBILITY is the key to a successful work day!

The MBT 350 allows either SENSATEMP or TEMPWISE technology handpieces to be plugged into any of 3, continuously active, handpiece channels. Finally, the benefits of SENSATEMP and TEMPWISE can be found in a single system without restriction.

PACE's legendary SENSATEMP technology is renowned for its temperature stability and ability to handle high mass

applications. For smaller components and when through-put is important, there is TEMPWISE. TEMPWISE is a patented technology that boasts the best response time for high volume applications and easily keeps up in a fast paced environment. Its time to upgrade your existing, limiting system and plug in what ever handpiece meets your needs best!

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 offers 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 degrees 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 10 to 90 minutes. To really protect your more expensive tip-heater cartridge and fine

point 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 its in the cubby for more than in 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 with 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 airflow adjustment when working on the smallest components such as 0201's.

The new backlit, digital, LCD screen can display the temperature of one, all three, or can cycle through the handpiece channels one at a time. 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.



Does lead Free have you worried? The MBT 350 is completely lead free compatible and has been designed to accommodate N2 assisted soldering. An optional N2 regulator kit is available as are N2 versions of the PS-90 and TD-100 soldering irons!



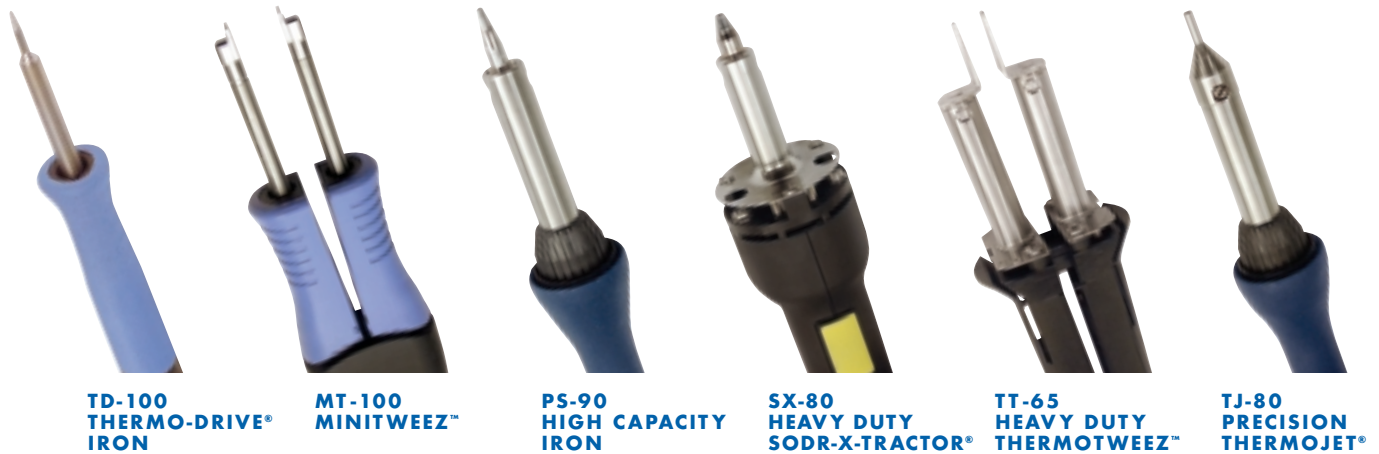
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The MBT 350 can be used with 8 handpieces!

		Part Number*
TD-100 Thermo-Drive Iron	The most responsive soldering iron available. Uses tip-heater cartridges.	6993-0263-P1
TD-100 N	A nitrogen compatible version of the TD-100. Requires 6993-0271	6993-0272-P1
MT-100 MiniTweeze	Tip-heater cartridge based tweezer for SMD removal.	6993-0264-P1
PS-90	Our famous High capacity soldering iron for the most demanding applications.	6993-0267-P1
PS-90 N	A nitrogen compatible version of the PS-90	6993-0274-P1
SX-80 Sodr-X-Tractor	The latest innovation in desoldering. Features disposable or reuseable solder traps.	6993-0266-P1
TT-65 Thermo-Tweeze	High capacity tweezer for large or small SMDs.	6993-0268-P1
TJ-80	A foot-pedal activated precision air pencil for the installation or removal of SMDs.	6993-0270-P1
Cubby	Instant Setback Cubby for TD-100	6019-0071-P1
N2 option	Nitrogen Regulator Accessory	6993-0271-P1

*(includes standard handpiece cubby)



**TD-100
THERMO-DRIVE®
IRON**

**MT-100
MINITWEEZ™**

**PS-90
HIGH CAPACITY
IRON**

**SX-80
HEAVY DUTY
SODR-X-TRACTOR®**

**TT-65
HEAVY DUTY
THERMOTWEEZ™**

**TJ-80
PRECISION
THERMOJET®**

SPECIFICATIONS	MBT 350	MBT 350 E
Part Numbers:		
Kit with TD-100, MT-100, & SX-80	8007-0454	8007-0455
Power Source Only	8007-0452	8007-0453
Power Requirements	120 VAC, 60 Hz (240 watts maximum)	230 VAC, 50 Hz (240 watts maximum)
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)	
Set Temp Range	37-482 °C (100-900 °F) SensaTemp 205-454 °C (400-850 °F) TempWise	
Vacuum Rise Time	200 ms Average as measured with PACE Process Monitor	
Vacuum Pressure	26 in Hg max	
Pressure	4 p.s.i. max	
Air Flow	9 SLPM max	

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