

# MBT450

## Advanced All-In-One Multi-Channel Electronic Repair System

### The Next Generation of PACE Multi-Channel Rework Systems!

The **MBT450** represents the next generation of all-in-one, miniature and microminiature, repair systems from PACE. The compact unit can tackle just about any thru-hole or surface mount application, whether conformally coated or not, and is well suited for multilayer repairs on damaged circuit card assemblies.

### Dual Technologies Integrated into One Universal System

The MBT450 is truly the best of both worlds, combining our renowned **SensaTemp®** heating technology, which boasts superior performance and versatility, with our new advanced **AccuDrive®** tip-heater cartridge capability for today's most challenging soldering, rework and repair applications.

Incorporating SensaTemp® technology allows the MBT450 to remain compatible with many handpieces and tips currently used by the Navy's 2M/MTR Program.

With nearly 80% greater power than our previous design, the standard system includes the **TD-200 AccuDrive® Soldering Iron** which provides unsurpassed thermal performance on the heaviest boards at the most accurate temperatures.

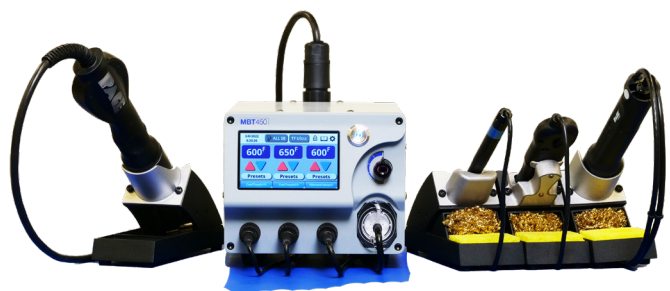
### Advanced Technology, Programmability & Features

- **Color Touch Screen Display** with wide viewing angle makes changing temperatures, settings and programming easy and intuitive.
- **Built-in storage** and full motion playback (with sound) for video training and manuals.
- Includes two **AccuDrive®** ports and one **SensaTemp®** port with set and actual temperature of all 3 channels displayed on the touch screen.
- Durable, all metal construction designed for continuous duty use, whether used on a ship or intermediate maintenance facility or shipyard depot.
- **VisiFilter Filtration** has been integrated into the front panel, allowing filter changes in seconds.
- Fault and maintenance monitoring functions include **vacuum performance monitor** and vacuum pulls counter to help prevent potential solder clogs.



The standard system also includes the new **MT-200 AccuDrive MiniTweez®** precision thermal tweezer, which safely repairs a wide variety of surface mount components, even as small as 0201's and 01005's on the most tightly-packed assemblies.

The system also comes with our **SX-100 Sodr-X-Tractor®**, PACE's flagship desoldering handpiece that has been used by the Fleet for over 20 years.



| Specifications               | MBT450                                                                                        |
|------------------------------|-----------------------------------------------------------------------------------------------|
| Dimensions                   | 7" (178mm) W x 10" (254mm) H x 6.5" (165mm) H                                                 |
| Weight                       | 15 lbs (6.8 kg)                                                                               |
| Power Ports                  | 2 AccuDrive®, 1 Sensatemp®                                                                    |
| Included Handpieces          | MT-200 MiniTweez®, TD-200 AccuDrive® Soldering Iron, SX-100 Sodr-X-Tractor®, TF-Ultra Hot-Air |
| Self-Contained Internal Pump | Snap-Vac® Vacuum                                                                              |

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## 4.5" Color Touch Screen Display Simplifies Operation

With its new full-color touch screen display, the MBT450 is designed to be intuitive with exceptional ease of use. All functions are controlled via the touch screen, which displays set and actual temperatures of all three channels, and comes with all the programmability and advanced technology you've come to expect from PACE.

## New TF-Ultra Hot Air/Convective Handpiece

The NEW TF-Ultra is an industrial wattage (700 Watts), hot air rework handpiece with precise temperature and airflow control that gives 2M technicians additional capability to safely remove and replace BGA, CSP, QFN, chips and other surface mounted components common on today's CCA's. The TF-Ultra is also exceptional for removing or softening various types of conformal coatings.



## TF-Ultra Nozzles



## Compatible Handpieces

### AccuDrive®

TD-200 Soldering Iron  
PN 6010-0166-P1

MT-200 MiniTweez®  
PN 6010-0169-P1

### SENSATEMP®

PS-90 Universal Soldering Iron  
PN 6010-0131-P1

SX-100 Sodr-X-Tractor®  
PN 6010-0106-P1

TJ-70 ThermoJet®  
PN 7023-0002-P1

TT-65 ThermoTweez®  
PN 7025-0001-P1



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