

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

The MBT450 Rework System combines 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.

With nearly 80% more power than previous designs, the system includes the **TD-200 AccuDrive®**

Soldering Iron for precise temperature control and strong thermal performance on heavy circuit boards. It also features the **MT-200 AccuDrive® MiniTweez®** precision thermal tweezer for safe repair of small surface-mount components down to 0201 and 01005 sizes, even on densely packed assemblies. The system also comes with our **SX-100 Sodr-X-Tractor®**, PACE's flagship desoldering handpiece.

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 actual temperature of all 3 channels displayed on the touch screen.
- The **TF-Ultra** Hot Air Handpiece connects directly into the back of the unit, freeing up valuable workspace.
- **VisiFilter Filtration** has been integrated into the front panel, allow in filter changes in seconds.
- Fault and maintenance monitoring functions include **vacuum performance monitor** and vacuum pulls counter to help prevent potential solder clogs.



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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.



Specifications	MBT450-SDTU w/ 4 Hanpieces
Product Number	8007-0615 (120V), 8007-0616 (230V)
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®, 1 TFU
Included Handpieces	MT-200 Minitweez®, TD-200 AccuDrive® Soldering Iron, SX-100 Sodr-X-Tractor®, TF-Ultra Hot-Air
TF-Ultra Handpiece Wattage	700 Watts

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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