

# Virtual Industries, Inc TV-1500-ELITE-SP8-110

## TV-1500 ELITE-SP8-BD Vacuum Tweezer Kit, Bench top Use

This tool is a general-purpose vacuum tweezer that plugs into your power outlet. The male luer slip connector on the front of the pick-up handle will accommodate all of the pick-up tips that employ a probe with a female luer slip fitting. Optional tips include the small part tips that facilitate handling of SMD components as small as the 01005 and 0402 size packages and as large as 0.25" (6mm). The rubber tips are available in sizes ranging from 3/32" (2.38mm) to 1.0" (25.4mm) in diameter and can handle parts ranging in size from 1/8" (3.18mm) to as large as several inches in diameter depending on the vacuum cup selection.

The long-life diaphragm vacuum pump generates up to 10 inches of mercury with an open-air flow of 2.3 lpm. The TV-1500 is constructed with ESD safe materials and comes complete with the following features:

- \* Power on/off switch.
- \* Integrated 10 segment display that shows power on and vacuum level during pick and place operations.
- \* Class 100 Cleanroom safe.
- \* 5 feet of ESD safe coiled vacuum hose
- \* A set of nine ESD safe Buna-n vacuum tips.
  - Five bent probes with the following vacuum cup sizes: 3/32", 1/8", 3/16", 1/4", and 3/8".
  - Four straight probes with the following vacuum cup sizes: 1/8", 1/4", 3/8" and 1/2".
- \* A vacuum tip holder with 16 locations.
- \* A set of small part tips on bent probes with the following inside diameter holes:
  - 0.005"(.13mm), 0.010"(.25mm), 0.015"(.38mm), 0.020"(.15mm), 0.030"(.76mm),
  - 0.040"(1.02mm), 0.050"(1.27mm) and 0.060"(1.52mm)
- \* An ESD safe aluminum vacuum pick-up handle with push-button release.
- \* Side mounted pick-up handle holder.
- \* 3 wire power cord that provides ESD grounding.
- \* Weighs 2.84 pounds (1288.2 grams).
- \* Dimensions: Length 8" (203mm), Height: 3" (76mm), Width: 3.5" (89mm)
- \* Whisper quiet long life vacuum pump provides vacuum of up to 10 inches of mercury.
- \* RoHS II and REACH compliant.

