



# ADTOOL Corporation

## Self Contained Batch Cleaner

Professionally designed for mid & low volume PCB cleaning usages for EMS, OEM and military electronic manufacturers. ADTOOL's new PCB cleaning system is a highly-automated machine which is safe and easy to operate. This is an environment-friendly and integrative water-base cleaning system. It can thoroughly clean most kinds of flux contaminations on PCBs.

Water-based with small amount of saponifiers and warm air drying, ADTOOL's PCB cleaning system uses high purity deionized water to clean the PCBs. Suitable activator, detergent or other additive can be mixed into water. The waste water in most cases is can be drained for minor treatment or direct to drain. Depending on the makeup.

## Features:

1. All the cleaning, rinsing and drying steps can be done in one cleaning chamber automatically, also each step can be done individually by program.
2. Cleaning and rinsing steps are done by centrifugal spray way. The washing circle is programmable from 5-40min.
3. All kinds of flux can be cleaned and the cleaning result can reach MIL standard 28809.
4. Its washing basket has wheels in the bottom, so it is very easy to push in and pull out from the machine.
5. PCBs can be put in at an angle, vertically or hung in the machine. Residues on different PCBs can be cleaned thoroughly.
6. All the processes are programmable and can be done automatically. Customers can choose different rinse and dry temperatures and times for different PCBs.
7. All the processes are controlled by microcomputer. The operation interface is simple to use. If an error occurs, the machine will sounded alert and show the issue automatically.
8. It contains a high-purity water creator. Raw water can be connected in directly, after RO anti-filtration, UV sterilization and fine resin mix cycles, high quality pure water can be produced and used for cleaning.
9. The waste water can be drained directly. If it is environment-friendly and abides by the environment regulations.
10. After cleaning is done, an onboard printer can print a report or the data can be save and print it later on.
11. It is low cost and affordable. Every cycle just takes 0.045 liter environment-friendly solvent.

<b>Model</b>	<b>2200</b>	<b>1100</b>
Inlet water pressure	>1kg	>1kg
Pure water conductivity	>5Mohms	>15Mohms
Pure water tank volume	60L	40L
High-purity water output capacity	100L/hour	50L/hour
Water heat up range	Room temperature to 65 C	Room temperature to 65 C
Dry temperature range	Room temperature to 100 C	Room temperature to 100 C
Wash time	5-40min	5-40min
Rinse time	2-10min	2-100min
Dry time	5-600min	0-300min
Max PCB size	515 X 495mm	405 X 265mm
Input water volume	<6L	<3.5L
Washing boards capacity	432X508mm = 31pcs 178X254 mm =62pcs 178X178 mm =124pcs 127X178 mm =186pcs 76X152 mm =248pcs	254X305 mm =28pcs 127X305 mm =56pcs 76X152 mm =112pcs 51X127 mm =140pcs
Electricity requirement	220V AC	220V AC
Power	Approx 4kw	Approx 3 kw
Noise	f60 dB	f60 dB
Weight	120kg	80kg
Chamber size	600 H ~530 W ~480 D (mm)	270 H ~420 W ~380 D( mm)
Dimension	1700 H ~900 W ~790 D mm	1630H ~670W ~700 D( mm)