

## UPKTECH FR-630 Automatic spray fixture cleaning machine

### I, Description:

The equipment is used for cleaning the external surface of various work pieces, such as wave soldering fixtures, reflow soldering trays, condensers, and cleaning of fluxes, oil stains, and dust on



the surface of machine parts. The "spray cleaning machine" uses technologies such as high-pressure spray cleaning, high-pressure spray bleaching, high-pressure air cutting, and large flow fan hot air drying in the rotating basket to ensure the cleaning effect. The equipment is mainly composed of rack, spray cleaning system, spray rinsing system, cleaning basket rotating mechanism, cleaning solution tank, rinsing solution tank, electric heating air system, water circulation system, drainage system, equipment cover, high-pressure air cutting system and electric control box.

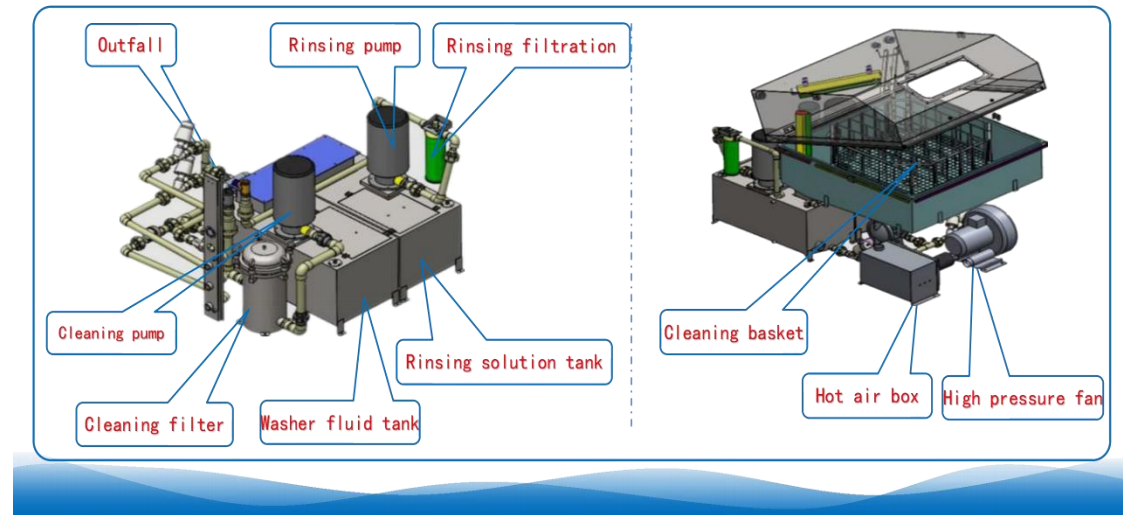
### II. Features:

**Cleaning system :** During cleaning, nozzles are arranged at the upper, lower and side of the rotating cleaning basket. While the work piece rotates, all cleaning nozzles spray cleaning fluid at high pressure to clean the work piece in an all-round scanning manner. The cleaned cleaning fluid returns to the cleaning fluid tank for circulating filtration and heating.

**Rinsing system:** During rinsing, nozzles shall be arranged at the upper, lower and side of the rotating cleaning basket. While the work piece rotates, all rinsing nozzles shall spray pure water under high pressure to rinse the work piece in

an all-round scanning way. The residual cleaning liquid after rinsing shall be thoroughly washed. The rinsing liquid after rinsing shall be returned to the cleaning liquid tank for circulating filtration and heating.

### III. Internal structure:



#### IV. Specifications:

Machine dimensions (mm)	L1800*W1550*H1500
Voltage	380V/50HZ (Three phase five wire)
maximum power	27KW
Rated current	30A
Air source	0.4-0.6Mpa
source of water	0.1-0.3Mpa
Air outlet	Ø125mm
Basket diameter	1000mm
Maximum height of work piece	480mm
Work basket load	100 KG
Pressure range	3-8 KG
Tank capacity	50L*2   It is recommended to add 40L (add detergent to the cleaning tank and add water to the rinsing tank)
Spray pressure	3-6KG
Mass weight of complete machine	480KG