

# TRINITY

## LAB IR DYEING MACHINE



**IR Lab** Dyeing Machine is suitable for all fibers and substrates dyeing. The infrared dyeing machine produces accurate laboratory sample dyeing with level and reproducible results and accommodates up to 24 positions with a low liquor ratio for synthetic and natural fibers. This infrared dyeing system moves the beakers in a circular rotation with advanced infrared heating technology eliminating glycol contamination and cumbersome beaker cleaning.

### Features :

- 360° rotation running makes level dyeing results.
- Beakers are made of quality SUS316 stainless steel, heating fast and level, specially. beakers offer maximum safety for atmospheric and high-temperature dyeing.
- Infrared heating continuously by high life infrared heaters which indirect heating of steel cup, to let dyeing uniformly.
- Programmable process control can save up to 99 kind of process, LCD displays temperature, time, process No. imported high-precision temperature probe monitoring the actual temperature of dyeing liquor directly, to let heating and cooling automatically.

### Specifications :

- Temperature range: 30-140 °C
- Heating or cooling speed: 0.5 – 3.5 °C / min
- Temp. Control accuracy: 1 °C
- Rotation speed: 0 – 50 rpm (adjustable)
- Dyeing Beaker : 24 or 16 pots of 150ml or 250ml
- Beaker Option: upto 500/1000/2000 ml

### Power

220V 1Phase 50/60 Hz 3.6 kW

### Dimensions

Width : 860 mm Depth : 670 mm Height : 670 mm



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