

## Product Presentation

### Application

This machine is oil bath type infrared laboratory dyeing machine, it combine the advantages of traditional glycerol dyeing machine with common infrared dyeing machine together. It's apply to dyeing and testing the color fastness of the knitted fabric, woven fabric, yarn, cotton, loose fiber, zipper etc. It was special design for dyeing industry, chemical industry, raw material, cloth which can simulate the production conditions exactly and reach the process effect.



### Feature

- Easy to operate, dye pot can be individually Turn plate removed to save waiting time.
- The ability to conduct the tests of various dyes and chemicals on dispersing, leveling, liquor ratio exhausting etc.
- Special recommendation for "STEP DYEING" to select the best dyestuff and combinations for the most suitable dyeing curve to achieve the highest efficiency and quality.
- Different sizes of dye pots for various weight of samples with yarn or fabric holders to ensure the good leveling result .There will be no crease mark.
- Suitable for low liquor ratio dyeing. Sample weight from 4g to 20g.
- Special design for humanity, durability and easy-maintenance.
- Safe, high efficiency, environment friendly, energy saving, optimum for new dyeing small sample machines.

Woven Fabric



Yarn



Knitted Fabric



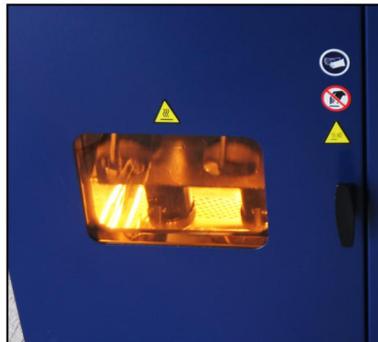
### Test Sample

## Test Chamber



Inner side of test chamber.

## Chamber Door



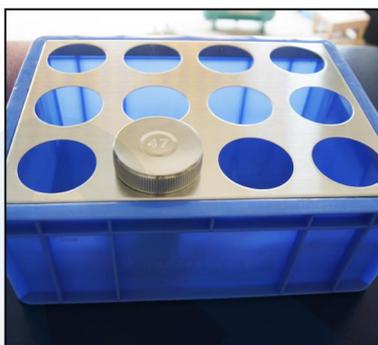
Open or close when prepare or finish test.

## Control Panel



Function keys for test requirement.

## Cups Container



Place where to put cups.

## Protective Gloves



To avoid to be hurt by HT cups.

## Front View



Front view of whole machine.

## Key Specification

Model	GT-D22 A	GT-D22 B
Staining cup number	12	24
Staining cup volume	300cc OR 425cc	
Control mode	LCD Microprocessor type, programmable process number: 100(0—99), 100 programmable steps per process	
Heat method	Infrared heat	
Temperature range	RT - 140 °C	
Temperature control accuracy	±0.2 °C	
Heating rate	0 - 3.5 °C / min	
Cooling rate	0.2 - 5 °C / min	
Cooling method	Air-cooled	
Rotation speed	0 - 60 rpm	
Liquor ratio	1:5 -1:100	
Power supply	1 φ AC 220V 50/60HZ	
Dimensions( L x W x H)	670×670×780mm	860×680×780mm
Weight	100kg	120kg

## Standard Accessories

Cups	1set	Put the test sample.
Cups stand	1set	Place where to put cups.
Protective glove	1set	To avoid to be hurt by HT cups.