



InfraDye Infrared Lab Dyeing Machine

The InfraDye is designed to dye samples quickly and at a low cost. In order to reduce dyeing errors, textile manufacturers need lab dyeing machine for testing samples before dyeing large batches. In addition, fabric dyeing laboratories also need these machines for dyeing studies.

InfraDye

Infrared Lab Dyeing Machine



- Longer service life**
 Solid state relay control electric heating, no mechanical contact, long service life. The mechanical shell is made of stainless steel powder coating process, the mechanical interior is made of high quality SUS304 stainless steel, and the dyeing cup is made of SUS316, which is durable.



Power
230V 50Hz 32A



Weight
145 kg



Dimension
710*840*750mm (D*W*H)

- Smart temperature control algorithm**
 Achieving different test temperatures, suitable for all kinds of dyeing with room temperature and high temperature.
- Multiple dyeing solutions**
 Can be realized at one time: different specimens can be dyed in different cups.
- Smart instrument**
 Can be connected through Wi-Fi with SmarTexLab App installed in the smart phones, set parameters, monitor the test status, receive equipment warning reminders, replenishment reminders, etc., and share test results with one click.
- User-friendly, convenient and efficient**
 Microcomputer control, simple operation, automatically retain the current data in case of power failure, the running process can be edited, and the buzzer automatically alerts after the test is completed.
- Stable, durable and noiseless**
 The transmission mechanism is upgraded to rotary operation, which is more stable, more durable and noiseless.
- Multiple safety protection**
 Such as over-temperature alarm function and automatic stop of rotating cup holder when the door is mistakenly opened.
- Temperature calibration function**
 Can avoid the temperature differences caused by the aging of the probe.

Specifications

Test temperature range	
room temperature	0°C ~ 140 °C
Temperature control range	
room temperature	25 °C ~ 140 °C
Heating temperature	
control speed	0.1 °C / min ~3 °C / min
Temperature control accuracy	
Isothermal state	± 0.5°C/min
Temperature control mode	optimized automatic control
Rotational speed	0 ~ 50 rpm (adjustable)

Accessories

test cup volume	300±20ml 24pcs
T-socket wrench	1 pc
stainless steel copy wrench	1 pc
Fuse	4 pcs
Gloves	1 pc

Optional Accessories

Heating tube

TD110 Lab Wringer

Lab Wringer (Padder), is to evenly squeeze or extract excess liquid from fabric specimens for next procedure of test. This Lab padder / wringer is used for many kinds of textile tests to ensure the rest liquid of specimens with high accuracy.



Specifications

Working width: 300 mm(12 inches)
Rollers: Dia. 54 mm, made of neoprene
Working speed: 25 mm/s (9rpm)
Dead weight loading: up to 4.76 kg Equipped with liquor tank

Included Accessories

Loading Weights:
0.5Lb x1Pc, 1Lb x2Pcs, 2Lb x4Pcs

TESTEX INSTRUMENT LTD

TESTEX is one of the leading developers and textile testing equipment manufacturers since 2010, focusing on developing and manufacturing instruments used in textile industry all over the world.

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TD122

Lab Padder

Lab Padder, is suitable for testing fabric pressure absorption rate or rolling water, fabric dyeing, fabric post-treatment effect and quality testing, as well as the selection of auxiliary concentration to determine good or bad, widely used in dyeing and finishing plants, auxiliaries, pigment manufacturers; can be used with automatic setting and drying machine R-3 to predict the feel and provide customers with the correct samples; can adjust the pressure absorption rate consistent with the field, providing accurate pressure dyeing and resin formulations; with setting machine can simulate field conditions to predict the degree of finishing discoloration.

The rollers of the laboratory mill are made of high quality NBR; good elasticity ensures long life; the whole machine is made of high quality stainless steel. The main components are the best in the world. The laboratory gin is equipped with an emergency button and knee pedal to stop the machine. Air compressor is available upon request.



Specifications

Roll length:	420 mm (600 mm can be customized)	Power:	220 V 50 Hz
Roll diameter:	130 mm	Weight:	approx. 35kg
Shore hardness:	70° ± 5°	Dimensions:	890 x 610 x 1250 mm
Working speed:	0-18rpm(Adjustable) Optional speed		
Air pressure:	0.1~0.6MPa		

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TD300

Lab Magnetic Printer

The Laboratory Magnetic Printer is a magnetic printing machine with a printing area of 450 x 300 mm for technical experiments on various natural and synthetic fabrics in the laboratory. The printing pressure is digitally displayed and adjustable by means of a magnetic block that drives the thin rollers on the screen. Swiss Habasit printing belt, Japanese Panasonic inverter, German linear slide bearing, Chinese Taiwan Zhenbang gear motor, PLC control.



Specifications

Print area :	450 x 300 mm	Power:	220 / 110 V 50 / 60 Hz
Screen bezel size :	720 x 480 mm	Weight:	35kg
Magnetic bar:	approx. diameter 8, 12, 16, 20, 25mm, 350mm long (Each machine comes standard with 1 20mm diameter magnet bar)	Dimensions:	900 x 640 x 380 mm (L x W x H)
Drive method:	Motor - Gearbox - Toothed belt - Magnetic block		
Operation mode:	Run left/right and then stop automatically; back and forth.		
Speed control:	Variable frequency speed control, digital display, 0-8MPM		
Magnetic control	Adjustable magnetic force, 10 steps, digital display		

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