



Sample Dyeing Machine
Model: ECO-IR24P



Inner View

Combined with the general infrared and traditional glycerol advantages play color machine, suitable temperature / temperature curve procedures dyeing, high efficiency.

Can provide bath ratio all fiber 1:4-30 and 5-50g color test. With special dyeing cup accessories, can accelerate the absorption of fiber, dyeing uneven color flower, also dyed yarn dyeing Non-heading, dyeing cloth smooth.

Installing the programmable intelligent computer, man expressions, real-time monitoring of laboratory work.

The use of electric heating tube heating, no oil smoke pollution, no glycerol loss, small power, and heat insulation, good constant temperature effect, but also can save huge amounts of glycerol and power cost.

The use of inverter control, motion field bulk process automatic reversing device and can adjust the rotary speed better, rotates so that the liquid in the cup back and forth. The dyeing rate and more uniform, suitable for all kinds of dyeing of raw materials, for most flat and samples were stained.

Fabric and dyeing method to adapt to a variety of different, we use 200ml, 350ml, 420ml and 1000ml dyeing cup as low liquor ratio dyeing and bath ratio

Specification

- Working temperature: 20°C - 140°C
- Temperature Rising Rate: 4°C/min
- Heating Method: Electric heating and metal conduct
- Volume of dyepot: 200CC, 350CC, 420CC, 800CC, 1000CC, 3000CC, 6000CC
- Number of pot position: 12/18/24
- Cooling Method: Air cooling
- Temperature Controller: LCD display computer which can set 100 skills and 100 steps
- Power consumption: 4.8 KW
- Tumble running speed: 0-60 RPM

**Technical Data Subject to change without notice.*

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AdLab is a globally recognized brand specializing in the manufacturing and supply of high-quality laboratory equipment and textile testing instruments. With over 15 years of experience, we are committed to delivering precision-engineered solutions that meet the needs of industries such as textiles, pharmaceuticals, research laboratories, and educational institutions. Our products are designed to enhance efficiency, accuracy, and reliability in scientific and industrial applications.

Our Skill

At AdLab, we combine expertise in precision engineering with advanced laboratory technology to create innovative and reliable testing instruments. Our team of skilled professionals continuously works on improving product designs, integrating the latest advancements in technology, and ensuring compliance with international quality standards. With a strong focus on research and development, we provide customized solutions that cater to the unique needs of our customers worldwide.

Our Products

AdLab offers a wide range of high-quality laboratory and textile testing instruments, including Yarn & Fiber Testing Instruments, Laboratory Fume Hood Chambers, Ovens & Incubators, Water Baths, Textile Testing Instruments, Dyeing & Finishing Machines, Ceramic Testing, Tensile Testing, Washers & Dryers, Needle Detectors, and In-House Testing Equipment. Designed for precision and efficiency, our products ensure accurate testing and reliable performance across various industries.

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At AdLab, customer satisfaction is our top priority. We provide comprehensive support services to ensure the smooth operation of our equipment, including:

- ✓ 24/7 Technical Support Team – Our highly trained technical support team is available around the clock to assist with troubleshooting, maintenance, and operational guidance. Whether you need immediate assistance or expert advice, we are always ready to help.
- ✓ Installation & Training – We offer professional installation services and hands-on training to help users operate our equipment efficiently.
- ✓ Calibration & Maintenance – Regular calibration and maintenance services ensure that your laboratory instruments remain accurate and in optimal working condition.
- ✓ Customized Solutions – We provide tailored solutions to meet specific industry requirements, helping our clients achieve maximum efficiency in their operations.

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