



**Rapid Oil Extraction
Model: ADL-ROE03**



We provide reasonable price and high quality Rapid Oil Extraction Apparatus. All of testing instruments manufactured by AdLab factory are well-known throughout China and more than 50 countries abroad for providing superior value and performance.

This Rapid Oil Extractor is designed to determine oil or grease content of various kinds of fiber (especially suitable for wool and its blend fabric) quickly. The applicable extraction solvents are petroleum ether, ethyl ether, dichloromethane, etc.


Follows are features of rapid oil extraction apparatus

- Microcomputer temperature control with PID self-tuning function keeps temperature more precise and steady;
- Sample tube and pressure rod are made of stainless steel to prevent rusting;
- Adopt preset LED digital display timer, time can be set arbitrarily, sound and light alarm when the set time is reached.
- Two different extraction units are optional for determining oil content or acetone extractible finish on nonwoven. Please specify when placing an order.

Test method	Oil Content	Acetone Extractible Finish on Nonwoven
Standard	GB/T 6504-2017 Appendix C	EDANA Method ERT 155/NWSP 353.0 (07)
Extraction tube	Inner diameter: ϕ 16mm Height: 150mm	Inner diameter: ϕ 10mm Height: 177mm
Pressure rod head	Diameter: ϕ 15.5mm	Diameter: ϕ 9.5mm
Pressure weight	2kg (\pm 2%)	1kg (\pm 2%)
Suitable extraction reagent	Petroleum ether, ethyl ether, dichloromethane, etc.	Acetone

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Application

Rapid Oil Extraction Apparatus is used to determine the oil content of man-made fiber samples by rapid extrusion method. It can also determine the acetone extractable finish on non-wovens. Taking advantage of the ability of oils to dissolve in specific organic solvents, soak the sample in an appropriate organic solvent, under a certain force, the oil is dissolved in the organic solvent, which is then evaporated. The oil content of the sample is calculated according to the mass of the oil dissolved.

Standards

GB/T 6504-2017 Man-made Fiber—Test Method for Oil Content
Appendix C Rapid Extrusion Method
EDANA Method ERT 155/NWSP 353.0 (07)
Determination of Acetone Extractible Finish on Non-woven

Key Specification

- Timer range - 0.01s ~ 99h99min, LED display
- Temperature range - RT ~ 150°C, LED display
- Temperature control accuracy - $\pm 1^{\circ}\text{C}$
- Working station quantity - 3
- Power supply - AC220V, 50HZ
- Dimensions (L×W×H) - 430×220×450mm
- Net weight - 25kg

**Technical Data Subject to change without notice.*

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.

Our Services

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.

Global Networks



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