



Ceramic Water Absorption Meter Model: ADL-CWA01

Introduction

Ceramic Water Absorption Meter (Vacuum Chamber with Vacuum Pump) meets the requirements of GB/T3810.3-2016 and ISO10545-3-2018 for the determination of water absorption, apparent porosity, apparent relative density and bulk density, and adopts vacuum method for the determination of water absorption, apparent porosity and bulk density of daily-use ceramics, building sanitary ceramics, electric porcelain and refractory materials. It also meets the determination conditions of GB/T3299-2011 "Method for determination of water absorption of daily ceramic ware".

The instrument can also be used to measure the water absorption of brick, cement products, refractory materials, etc.



Referring Standard

GB/T3810.3-2016, ISO10545-3-2018, GB/T3299-2011

Introduction

1. The instrument adopts electromechanical integration structure, composed of vacuum container, water circulation vacuum pump, water inlet solenoid valve, water discharge valve, water holder and digital controller.
2. Water circulation vacuum pump has the advantages of low noise, not easy to damage, low power consumption, so that the instrument has more superior performance.

Technical Specification

Degree of vacuum	≥0.090Mpa
Vacuum Time	0-99 min 59s Continuous adjustable
Injection time	0-99 min 59s Continuous adjustable
Soak time	0-99 hours 59min Continuous adjustable
Capacity	Φ250×300mm or Φ400×400mm
Power Supply	220V, 50Hz

**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



Bangladesh • Brazil • China • Hong Kong • India • Ireland • Italy • UK • USA • Vietnam

AdLab Instruments Co., Ltd

★ RM 602, 6/F, Kaiyue Comm Building, No.2C, Argyle Street, Mongkok Kowloon, Hong Kong

🇮🇪 20A Cuil Na Carriage, Ballymakeera, Co-Cork, Ireland (EU)

✉ info@adlabinstruments.com 🌐 www.adlabinstruments.com