

**AT-2960R
Washer**



Elisa Reader And Washer **AT-2960R Washer**

Technical Specifications

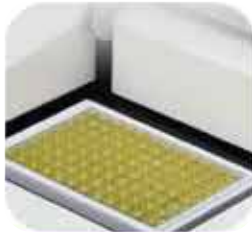
Plate type	96-well plate
Wash head	8/12
Residual aspiration volume	<2ul
Dispensing volume	10~3000ul, step by 1ul
No. Of washing cycle	1~99 adjustable
Soak time	0~999s
Shaking time	0~999s
Temperature	5~35°C
Humidity	15~85%
Power supply	AC 110V, 60Hz, AC 220V, 50Hz
Dimension(mm)	400(L)x310(W)x169(H)
Weight	8 Kg



**AT-2960R
Washer**



**AT-2960R
Microplate
Reader
and
Washer**



Analytical Technologies Micro plate Reader and Washer AT-2960R



Technical Specifications

▶▶▶ System Function

Absorbance range	0-3.000Abs
Resolution	0.001 Abs
Plate type	96-well and 384
Measure system	8-12 channel optical system
Wavelength range	230 to 900nm
Filters:	405, 450, 492, 630nm, two more options
Band width and accuracy	8nm ± 2nm
Photometric accuracy	±1%
Light source	Halogen
Reading speed	5s with single wavelength for whole plate
Optical System	Xenon flash lamp Monochromatic LED
Repeatability	0.5%
Linearity	±1%
Stability	<0.005Abs/10min
Shaking	4 shaking modes with variable time
Input	Mouse, Membrane keyboard, Touch screen
extensive on-board data analysis, curve fitting options as linear, cubic, quadratic, cubic spine, point to point assay & control validation.	

▶▶▶ Display

7" TFT LCD, 800x480 pixels



Keyboard

▶▶▶ Printer

Built-in printer, external printer, data transformation formulas, cut-off & call criteria, memory, parallel centronics for printer.

▶▶▶ Working conditions

Power supply	AC 100~240V, 50/60Hz
Temperature	10°C~35°C
Humidity	15%~85%



External printer



Touch screen

▶▶▶ Interface

RS-232, 4 USB ports, SD card



Barcode reader



Flash disk



Labfriend software

▶▶▶ Washer

Dispensing volume 1 l, shaking shall be use programmable speeds, programmable washing, dispensing, aspiration, rising, priming, built-in pumps, aerosol cover.

Memory: 50-60 protocol and LCD Touch display

System processes for full 96 wells, wash cycle 1-10 and wash heads 8 channels with wash protocols.

▶▶▶ Dimension (mm)

400(L) x 310(W) x 169(H)

▶▶▶ Weight

6 Kg

AT-2960R
Microplate
Reader
and
Washer



Microplate Reader

Designed with LED light technology, AT-2960R is green, economical and in line with the trend of environment friendly development.

Features

7" TFT LCD screen.

Fully automatic plate washer.

Test results simultaneous displayed in screen.

Alarm for over flow.

Capable of reading U, V and flat type wells.

Capable of reading upto 12 well strip plates.

12 channel wash head.

Has detection absorbance based.

Strip selection option, to wash selective strips.

Automatic filter selection.

LED light source with lifespan over 100,000 hours capable of doing multi standard tests and controls.

Bichromatic, 8-channel optical system.

Has wash protocol.

Has automatic calibration before each reading.

Has different types of blanking facility.

Large storage capacity up to 200 test protocols and 100,000 results and calibration curves.

3 shaking modes with variable time

Windows operation operation system

Have capability to do qualitative, quantitative, kinetic with any formula including validation, transformation & factors and floating cut off.

Self-check, malfunction alarm

Applications

Pesticide residue in food
Melamine
Hormone, such as T3, T4 and TSH
Bichromatic, 8-channel optical system
Large storage capacity up to 200 test protocols and 100,000 results
3 shaking modes with variable time
Windows operation operation system
Self-check, malfunction alarm
Test Giant cell IgG antibody, Toxoplasm, IgG antibody, Rubella IgM antibody, fever blister I-IgM antibody and Fever blister II-IgM antibody
Cancer marker, Typhoid fever, Paratyroid fever
Sexually transmitted disease (Gonorrhea, Syphilis, HIV) and Hepatitis (Hepatitis-A, Hepatitis-B, Hepatitis-C)
Fetal antibody and vaccinum reaction, etc

Microplate Reader



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HPLC Servicing, Validation, Trainings and Preventive Maintenance :

- HPLC Servicing** :We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.
- Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's
- AMC's/CMC** :We offer user training both in-House and at customer sites on HPLC principles, operations, troubleshooting.
- Validations** :We have protocols for carrying out periodic Validations as per GLP/GMP/U SFDA norms
- Instruments** :We offer instruments / Renting Services Modules like pumps, detector etc. on Rent.



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About Analytical Technologies



▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility



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2. Improving quality of life by offering YOGA Training courses, Work shops / Seminars etc.
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