



RW

RESEARCH WORLD

PRODUCTS CATALOGUE

The logo consists of the letters 'RW' in a large, bold, white serif font, centered within a dark blue circle. Below the circle, the words 'RESEARCH WORLD' are written in a smaller, white, all-caps sans-serif font.

RW

RESEARCH WORLD

Research World Limited Liability Partnership (RWLP) is a Partnership company established in Kenya under the Limited Liability Partnership Act, 2011.

Research World Supplies quality and affordable medical diagnostic products to Clinical Laboratories, Universities, and research Institutions sourced from established manufacturers.

We offer our clients a comprehensive range of diagnostic products covering Laboratory medicine including Clinical Chemistry, haematology, microbiology, parasitology, and serology

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HumaLyzer 3500



Specifications & Features

- Wavelengths 340,405,505,546,578, 630 nm and free positions
- Free programming of 140 additional methods
- Memory for 1000 samples, OC, calibration
- Touch screen with 320x240 pixels and ext. keyboard connector
- OC statistics module with Levey-Jennings and Westgard
- Integrated incubator with 8 positions
- English, Spanish, Portuguese, German, French software

The HumaLyzer 3500, is a semi-automatic photometer with large touch screen display.

HumaCount CD4n



Specifications & Features

Cd4, monitoring of Anti-Retroviral-Therapy (ART) CD4% stable parameter, also in pediatric care 8 min. time to result Robust design 12 parameters

Designed for remote operation Heat stable reagents 2-30°C Monoclonal antibodies coupled to lyophilized gold

Reduced risk of infection due to closed tube sampling Robust LED scatter technology Automated gating, no interpretation of "dot plots" Sample-in, result-out automation

Battery pack and solar panel 230/110 VAC

The HumaCount CD4^{now}, CD4 flow cytometry combines both, AIDS monitoring and diagnosis of accompanying diseases due to CD4/CD4% and a CBC count (4-part) capability.

Votex Mixer



Specifications & Features

True circular orbit for even vortexing Powerful motor for efficient mixing Two modes: "touch" or constant operation Optional heads for larger tubes, microtubes and microplate.

Safe for cold room or incubator use Speed range: 230V: 0 - 2,850 rpm; 120V: 0 - 3,400 rpm Operating modes: Touch or continuous Ambient operating range +4° to 65°C Weight: 4.84 lb/2.2 kg

Dimensions (W x D x H): 5.5 x 6.3 x 5.1 in/14 x 16 x 13 cm Electrical: 230V-, 50 Hz or 120V-, 60 Hz

The Votex Mixer, features a true circular orbit for even distribution of vortexing. Variable speed makes the unit useful for a variety of applications from gentle mixing to resuspending pellets

HumaReader SinglePlus



Specifications & Features

- Excellent cost/ benefit ratio
- User Programmable
- Automatic strip positioning reading and calculation
- Curve and cut-off calculation
- Calibration automatically stored in memory
- Built-in incubator
- Built-in thermal printer
- Use of single wells, 8-well or 12-well strips
- Automatic filter wheel

The HumaReader SinglePlus, is a microtiter strip reader.

GeneXpert MTB/RIF



Specifications & Features

The Xpert MTB/RIF is a cartridge-based nucleic acid amplification test for simultaneous rapid tuberculosis diagnosis and rapid antibiotic sensitivity test.

It is an automated diagnostic test that can identify Mycobacterium tuberculosis DNA and resistance to rifampicin

The GeneXpert System equipped with GX2.1 software/ computer/printer/barcode reader and operator manual. It is available in a one, two, four, or 16-module configuration

PCR Machine



Specifications & Features

- Multiplexing of up to 5 fluorophores.
- Real-time PCR thermal gradient
- Intuitive software
- Diverse data analysis and presentation
- Advanced gene expression analysis
- Flexible allelic discrimination module
- Embedded tools for end-point fluorescence analysis
- Robust, reliable thermal cycling performance delivered by the iCycler thermal cycler

PCR Machine
Thermal Cycler Real-Time PCR System

CombiWash



Specifications & Features

- Up to 100 wash protocols
- 4 different wash bottles
- 2 incubator positions
- Plate Shaking Ability
- 230 VAC

The **CombiWash** is an automatic microtiter plate washer that also offers incubation & shaking capability

Water Bath



Specifications & Features

The temperature is microprocessor controlled to guarantee an exact regulation while the digital display allows to set and control the required temperature.

Nominal voltage & Frequency: 220V/50Hz Maximum power draw: 350VA Temperature range : 75°C increments +/-1°C

Dimensions: Width 328 mm Depth 300mm Height 86mm Weight: 2.4 kg

TEC 2601 Water Bath is designed for flattening tissue sections, the non reflecting mat black surface is made of aluminium for temperature stability and quick heat up

Cito-Spin Cytology Centrifuge



Specifications & Features

- Program save and recall up to ten protocols
- Gentle stop and fast braking: pre select 10 braking rates
- Warning indicators for imbalance, over speed, door open, setting failure
- Rotor imbalance is detected and immediately signalled to operator
- Digital display for Speed, Time, Brake, Program
- High torque DC Motor as the drive motor
- Max RPM 3,000rpm; Max RCF 1,057xg
- Maximum Capacity: 12 Slide x 6 cc

Cito-Spin is a cytological centrifuge controlled by microprocessor with program save and recall up to ten protocols.

Bactec 9050**Specifications & Features**

- Enhanced Safety through non-invasive technology
- Provides a fully-automated, walk-away testing using a continuous-monitory instrument that agitates and incubates BACTECF Blood Culture Bottles , resulting in earlier detection of positives.
- Simple Operation based on an easy-to-use icon interface and barcode scanner
- Has a capacity of 50 test bottles
- Supports BACTEC media including Standard, LYTIC, resin-based (including pediatric), Mycosis IC/F and MYCO/F for recovery of bacteria, yeast, fungi and mycobacteria from blood.
- Features a unique florescent sensor technology

The **Bactec 9050** is a continuous monitoring blood culturing instrument that offers superior performance, safety, reliability, ease of use, media quality and service.

Combilyzer**Specifications & Features**

- Photoelectric colorimetry test principle
- Throughput: 60 samples/h (standard mode), 120 samples/h (fast mode)
- Calculates albumin-to-creatinine ratio
- Flags for abnormal results
- Conventional, arbitrary and SI units
- Barcode reader for test strips and samples
- Built-in thermal printer
- Serial port for unidirectional connection with LIS; port for external Printer
- Onboard service & system diagnose tools

Combilyzer 13 is installed with a user software and with an onboard storage capacity of 1,000 results

Laboratory Steam Sterilizer**Specifications & Features**

- OT 40L : 40 liters Capacity: 2x5 liters; Maximum capacity: 10x1 liters OT 90L : 90 liters Capacity: 3x8 liters; Maximum capacity: 24x1 liters
- Sterilization temperature range : 105°C - 135°C
- Advanced microprocessor control system with 128x128 pixels LCD display
- 5 preset programs : 2 for liquid and 3 for solid & 2 custom made programs for liquid and solid
- Programmable: Melting program: 60°C - 100°C; Pre-heating: 40°C - 60°C
- Comprehensive self - diagnostic system

The **OT Series Laboratory Steam Sterilizers** are recommended especially for the steam sterilization of liquid and culture media.

Inverted Microscope



Specifications & Features

- Inverted Microscope Trinocular head ideal for video/photography
- Centering eyepiece for phase objective & EW 10X /22 extra wide field eyepieces Quintuple nosepiece
- Infinity Optical System Objectives: Plan 4X and 40x, Plan Phase 10x and 20x
- Stage, 160x260mm with an auxiliary stage, 70x180mm, Optional mechanical stage available: X-Y Coaxial control
- Range of traverse: 120x78mm
- Coaxial drive controls
- Coarse adjustment: range of 37.7mm, Fine adjustment: 0.2mm per rotation Vertical objective movement
- 6V/30W halogen bulb for illumination Abbe condenser with 20X phase Infinity optical system Centering eyepiece for Phase Objective Multiple photo options Weight: 24 lbs (10.9Rgs)

The LW Scientific Inverted Microscope is able to perform intricate and varied applications for vital tissue cultures. It is perfect for observation and education or for professional research

Modular Microscope



Specifications & Features

- Infinity Semi-Plan or Plan objectives 4X, 10X, 40XR, 100XR (oil) 50X (oil) objective is also available Anti-fungal, parfocal, parcentric, color-coded
- Mechanical stage (140mm X 155mm) Coaxial drive controls, metal rack & pinion
- Infinity Plan objectives 4X, 10X, 20X, 40XR, 100XR (oil)
- Moveable Abbe condenser, NA 1.25, Iris Diaphragm LED "daylight" long-life light source
- Variable light adjustment: 0-20W output 100-240V / 50-60Hz automatic-switching power cord
- Reverse quintuple nosepiece with multiple ball bearing mounted
- Phase contrast, 50x oil objective, camera attachments
- Diopter adjustment +/-5; Inclined 30°, rotates 360°.

The i4 modular series microscope, features exceptional optical quality and expandability for top-notch performance in the lab.

HumaScope Light



Specifications & Features

- HumaScope Light-I
- Low cost, small size, simple routine microscope for basic examinations (4x, 10x, 40x and 100x oil)
- Rechargeable battery - 2 days independence from constant power supply LED illumination, no replacement bulbs required Especially for health care in remote areas, due to battery option 230/110 VAC

The HumaScope Light^{LED}, is a binocular laboratory LED illuminated microscope with achromatic objectives (anti-fungal coated).

Blood bank refrigerators



Specifications & Features

- Stainless steel chamber High density injected polyurethane insulation Door window with triple glass for perfect insulation
- Magnetic gasket on four sides of the door and door key lock
- Chamber illumination with on/off switch control Easily drawn stainless steel drawers with plexiglass cover on the front.
- Separators inside the drawers
- Powerful air circulation system
- Fully automatic defrost system

The KN Series Blood Bank Refrigerators, use advanced technology to store blood and blood components.

Platelet Incubators



Specifications & Features

- Chamber Volume :187 liters ,Includes 1pc PS 54 Platelet Agitator PN 300, Chamber Volume :340 liters - Stainless steel
- Interior illumination & large window High density injected polyurethane insulation
- Triple glass window and stainless steel frame Antifogging inner glass
- Keylock for controlled access
- Excellent temperature uniformity and stability with powerful air circulation system

The PN Platelet Incubator, provides simple and safe operation using a microprocessor control system and is built with security in mind with its secure power switch key lock & Software.

Laminar Flow Cabinets



Specifications & Features

- Single piece working table made of stainless steel for easy cleaning and decontamination
- Microprocessor control system with digital display for airflow speed
- Automatic speed compensation system against clogged filter
- Audible and visible alarm for lower or higher air flow speed
- Recirculated HEPA filtered air to prolong the lifetime of pre and HEPA filters
- High light intensity and low noise level

The LN Series Laminar Flow Cabinets, are designed for the applications with non-hazardous materials in particle free environment for complete product protection.

Custom Made Equipment :

- Tunnel Test Chambers
- Semi Field Systems
- Experimental Huts
- Peet Grady Chamber





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