

mrc

# Laboratory Products

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**HRMalytic** +61(0)3 9762 2034  
**ECH**nology Pty Ltd

Australian Distributors  
Importers & Manufacturers  
[www.chromtech.net.au](http://www.chromtech.net.au)

12/13

Website NEW : [www.chromalytic.com.au](http://www.chromalytic.com.au) E-mail : [info@chromtech.net.au](mailto:info@chromtech.net.au) Tel: 03 9762 2034 . . . in AUSTRALIA

## Your Labs Start Here!

MRC is a leading manufacturer and exporter of quality lab equipments & supplies since 1989.

MRC supply, equipment to Laboratories, Hospitals, Clinics, Universities and Industry in the fields of life science, Microbiology, Biotechnology, Pharmacy, Medical science, Food, agriculture, Health, Environmental and General research.

MRC product line includes: Analyzers, Autoclaves, Balances, Centrifuges, Water baths, Incubators, Ovens, Environmental Chambers, Refrigerators, Freezers, Fume hoods, Furnaces, Hotplates, Stirrers, Mixers, Shakers, Mills, Blenders, Pumps, Spectrophotometers, Polarimeters, Meters and DataLoggers.

MRC 22 years of experience in manufacturing & supplying the highest quality of products bring to our customers state of the art laboratory equipment.

Maintaining the highest standard of quality through implementation of ISO 9001 quality management system is our constant quality policy. We strive to provide more reliable and economical solutions to make users laboratory test more efficient, easier and safer.



## MRC 314 PAGES FULL PRODUCT CATALOG WITH MORE THAN 1200 ITEMS

[http://www.chromtech.net.au/laboratory\\_products.htm](http://www.chromtech.net.au/laboratory_products.htm)

– for more details, complete Catalogs and Updates



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# 3 | ANALYZERS



## WIDE RANGE OF ANALYZERS

- Hematology Analyzers
- Chemistry Analyzers
- Coagulation Analyzers
- Urine Analyzers
- Milk Analyzers
- Food Safety Analyzers

Fully Auto and Semi Auto Analyzers:

For Human and veterinary medical application, test Plasma, Serum, Blood, Urine Samples.

On spot results for wide range measuring parameters such as:

Minerals Cholesterol Glucose Antibodies Urea Protein Heparin and many more.

Easy to operate and user friendly.



# MILK ANALYZERS



For milk Industry and Dairies, Quality Assurance. Wide range measuring parameters such as: Fat(0.01% to 45%), SNF,Density,Proteins,Lactose,PH,Freezing Point,Water content,Solids. Fast test from 30-90 sec,Compact easy to operate and user friendly.



## TABLE TOP SIZES

### Horizontal

- 1 Liters
- 8 Liters
- 16 Liters
- 18 Liters
- 32 Liters
- 60 Liters
- 80 Liters

### Vertical

- 30 Liters
- 50 Liters
- 75 Liters
- 100 Liters
- 150 Liters



Large Variety of Sterilization Autoclaves bench top and vertical.

From compact 1 liter to Industrial 150 liter, types: N,B, with or without vacuum, Liquids sterilization.

Fits for Laboratories, Hospitals, Universities, Tattoo studio, Dental and Clinics.



## VERTICAL AUTOCLAVES





# 5 | LABORATORY BALANCES



## Bench, Platform Balances



From 6kg up to 120kg

## LARGE LINE OF BALANCES

- Micro Balances
- Analytical Balances
- Precision Balances
- Bench Balances
- Moisture Balances
- Technical Balances



Technical

A wide range of balances,  
Variety of accuracy ranges  
Analytical, Semi Analytical,  
Professional Microbalances,  
Technical Balances.  
Internal or External Calibration,  
Counting Pieces, Density  
Determination, GLP Procedures.  
Moisture Balances: determination  
of moisture in powders and grind  
wheat barley and etc.



MicroBalances  
Serie

0.001mg



Analytical Serie  
0.1mg



Precision Serie

1mg

0.01gram



Moisture  
Serie

## ACCESSORIES

### Printers



Single or set of Calibration Weight from 1mg to 5kg, Different  
Accuracy Category: m,e,f, Thermal and Label printer for Balances.



Weights



## WIDE RANGE OF BATHS

- Thermostatic Water Baths
- Unstirred Water Baths
- Circulation Water Baths
- Refrigerated Water Baths
- Viscometer Water Baths
- Shaking Water Baths

### Circulation Baths



Up to 100°C

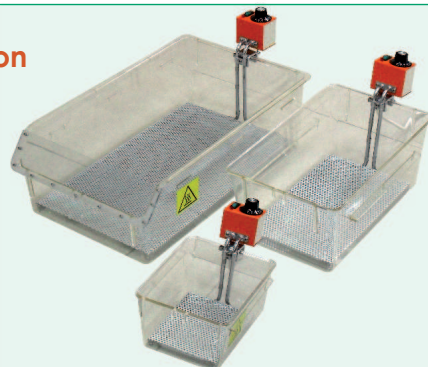
### Shaking Baths



### Refrigerated+ External Circulation



-30°C up to 100°C



Thermostatic Polycarbonat Water Baths

Cooling, Heating with or without Shaking, Circulations Pumps, Polycarbonate or Stainless Steel Analog Control or Digital Control for A better stabilization of temp.



Unstirred up to 80°C



Oil-Bath Circulators up to 300°C



Boiling Baths

## CIRCULATORS/COOLERS/CHILLERS

### Immersion Circulators



### Internal & External Circulation Bath



### Immersion Coolers



### Chillers



Mobile Chillers up to 120000 BTU/hr , Chiller With Immersion Probe provides a simple solution for direct cooling of small samples.



# 7 | CENTRIFUGES



**Clinical for 15ml Tubes**



**Hematocrit**



## WIDE RANGE OF CENTRIFUGES

- Clinical Centrifuges
- Hematocrit Centrifuges
- Micro Centrifuges
- High Speed Centrifuges
- 300/400/480/1000ml Centrifuges
- Oil Test Centrifuges
- Blood Centrifuges
- Basket Centrifuges
- Refrigerated Centrifuges
- Swing or Angle Rotors
- Brushless

A wide range of centrifuges:  
Hematocrit, compact,  
Microplates, Refrigerated,  
Brushless motor, Analog or Digital.  
For Clinics & Laboratories use.



**Refrigerated**



**Refrigerated**



**24 x 1.5ml  
Micro**



**High-Speed**



**1000ml Capacity**

## ACCESSORIES/CLINICAL/BASKET CENTRIFUGES

**Oil Test**



**Rotors**



**Continuous Flow  
Centrifuge**



Different kinds of rotors and adapters.



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**LARGE VARIETY OF DRY CABINETS**

- Desicators
- 20%RH Dry Cabinets
- 10%RH Dry Cabinets
- 5%RH Dry Cabinets
- 2%RH Dry Cabinets
- 1%RH Dry Cabinets
- Wooden Dry Cabinets
- Drawers Dry Cabinets

**Desicators**

These dry cabinets with the thermoelectric dehumidifying system are used to store the materials and objects that required low humidity. It is used in the electric and semiconductor industry to store IC wafers, electronic components.

Also in the pharmaceutical laboratories it is used to store reagents, specimens, chemicals standards and medicines.

As well it is used to store optical instruments: cameras, lenses, microscopes and optical products: films, video tapes, slides, microfilms, CD, DVD, X-ray films.

**Dry Cabinets****Small****Medium****Large****HEPA FILTER & DRAWERS DRY CABINETS****Pharmaceutical****Drawers**



# 9 | DATALOGGERS



## Water Quality Meter: PH, Conductivity, ORP, Oxygen, Temp.



Variety of measuring instruments with or without Data loggers.  
Measuring Parameters: Vibration, Pressure, Conductivity, TDS, PH, ORP, DO, Light, Temp and Humidity.  
Temperature/Humidity Recorders  
Multichannel or single channel.  
Accessories: Probes and Sensors, Software's, Thermocouples, Thermocouple Wires and Connectors.

## FULL RANGE OF DATALOGGERS

- Water Quality Dataloggers
- Temp. & Hum. Dataloggers
- Vibration Dataloggers
- Pressure Dataloggers
- Environment Dataloggers (Light, Air, CO2, Sound etc.)

### Vibration



### Pressure



### Conductivity, TDS



### PH, ORP, DO



### Environment



### Light



### Sound Level



### Dissolved Oxygen



### Hum./Temp.



### Anemometer



## WATER QUALITY

### pH/mV/Temp /Cond/TDS/Salt



PH/MV/TEMP BenchTop



### Chlorine



Turbidity/Chlorine



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## LARGE LINE OF DRY BATHS

- Analog Dry Baths
- Digital Dry Baths
- Cool-Heater Dry Bath Incubator
- Gas Distribution
- COD ThermoReactor
- Thermo Shakers
- Blocks

Applications for incubating DNA specimens, cross matching and screens in blood bank, incubating melted agar, Enzyme assays, digestions, Residue tests for milk & also great for serology, hematology, pathology and biochemistry etc. Multi or single Blocks, Tube size from eppendorf (0.5ml) to 50ml, Analog or Digital.



Blocks

Thermo Shakers  
0-100°C

Digital  
for 3 Blocks

COD  
ThermoReactor

Digital  
up to 150°C

Cool-Heater

Gas  
Distribution

Analog

## THERMAL CYCLERS

### Polymerase Chain Reaction

### PCR Thermal Cyclers



Thermal Cycler: Large size and high-definition LCD, Windows operating system, Temp range 30-100 ° C Heating/Cooling rate(Max) ≥4.0. Max no. of cycles: 299. Stored program no: 1000



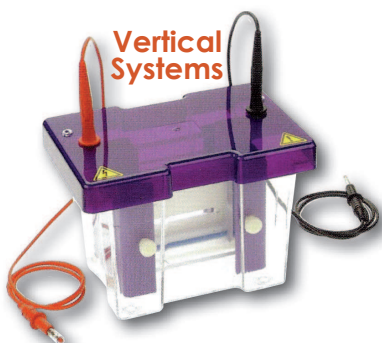
**Power Supplies  
for Electrophoresis**



## ELECTROPHORESIS

- Power Supply
- Horizontal Gel Electrophoresis Systems
- Vertical Gel Electrophoresis Systems
- Vertical Systems
- Transilluminators
- Gel Driers
- Digimage System

**Vertical  
Systems**



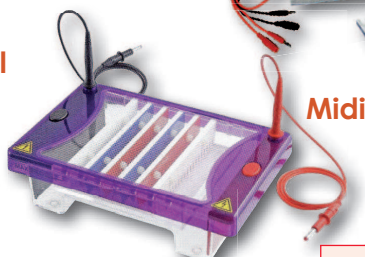
Electrophoresis Systems: Horizontal/Vertical.  
For micro biological and Genetic laboratories.  
For DNA, RNA and Proteins separation.

Accessories: Power  
Supply, Gel  
Driers, Multichannel  
Micropipettes, Gel  
Documentation,  
Transilluminators.

**Mini**



**Horizontal  
Systems**



**Midi**



**Maxi**



**Documentation**

**Transilluminator**



**Gel Driers**



## CHROMATOGRAPHY

HPLC/GC Chromatography Complete Systems.  
Detectors: FID, TCD, FPD, ECD, UV-VIS, MS.  
Column, ovens, Automatic or manual Injector  
etc.

**Gas  
Chmatograph**



**Liquid  
Chmatographs**



## LARGE LINE OF SPECTROPHOTOMETERS

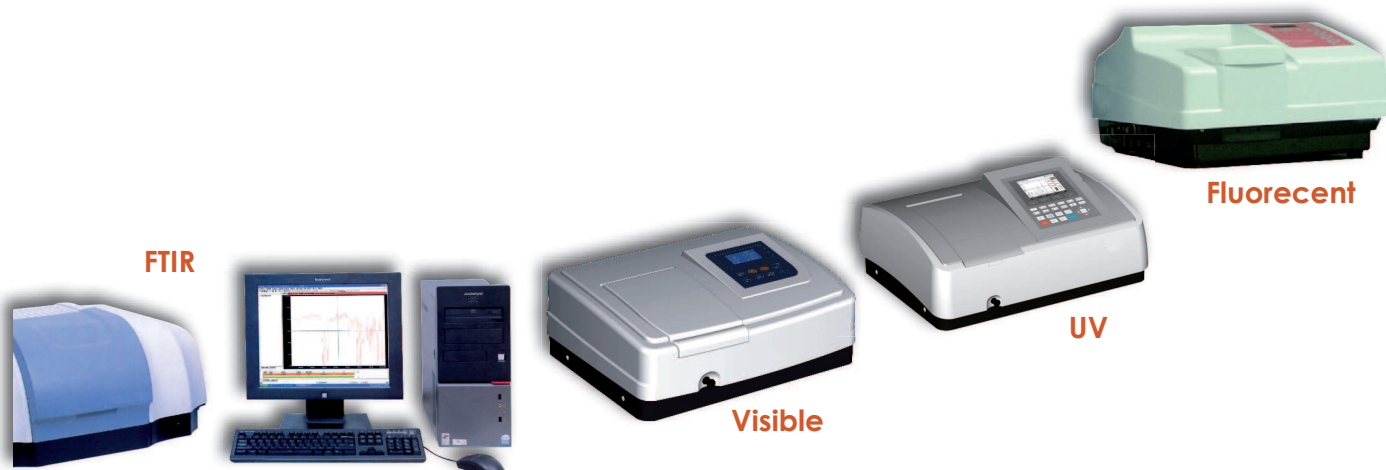
- Visible Spectrophotometers
- UV Spectrophotometers
- Fluorescent Spectrophotometer
- FTIR
- Atomic Absorption



Variety Of Spectrophotometers for Schools, labs, R and D, QA etc.  
UV, VIS, Single or Double Beam, Independent unit or PC Control, Scanning, Fluorescent.  
FTIR-ATR, AAS.

Accessories:

Holders: Test Tub, Micro Cell, 8-Position Auto Cell Changer, Solid Holder, Water-Jacket, Flow cell.  
Thermal and Stylus Printer, Peltier and Ambier Sipper Unit, Peltier/Sipper System.



## ELISA/FOOD SAFETY ANALAYZER

Washer



- Microplate Readers • Microplate Washers • Food Safety Analyzers

Antigen and Antibody tests for Immunology, diagnostic, Q.C, medicine,  
R & D Readers and washers Micro plates, wide range of filters, Food  
Safety Analyzer, PC-controlled.



Food Safety  
Analyzer



Readers





## ALL KINDS OF CHAMBERS

- Temperature Chambers
- Temp. and Humidity Chambers
- Volumes: 36, 80, 150, 416, 800 liter.

Temp. and Hum.



Temperature



A wide range of volumes and temp. ranges offer flexibility uniformity and control accuracy. Temp/humidity test chambers provide superior performance over a wide range of application. Available in a multitude of camber sizes,

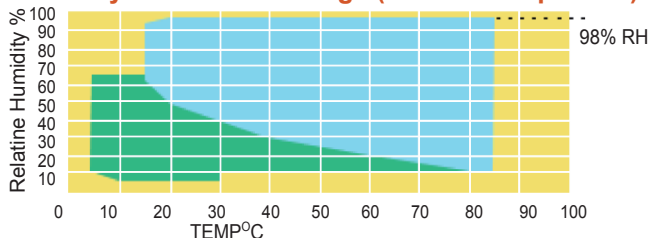
MRC is sure to have the exact chamber that best meets your environmental test criteria.



Temperature and Humidity



Humidity Controlable Range (at room temp. 20°C)



Temperature & Humidity Range Table

- General Type
- Low Humidity Type

## FREEZE DRYERS



BenchTop



Floor



Automatic Programable Control



Drying Chambers

## FULL RANGE OF FREEZERS & REFRIGERATORS

- Horizontal Freezers
- Vertical Freezers
- -25°C Freezers
- -40°C Freezers
- -86°C Freezers
- -164°C Freezers
- 2-10°C Refrigerators
- 4°C Refrigerators

Variety of different volumes  
Freezers up to -164° C.  
Available Accessories: Audible  
and visual alarm: High or low  
temperature alarm, Power failure  
alarm, Low battery alarm, Door  
ajar alarm, Filter blocking alarm,  
system failure alarm.  
temperature printer chart  
recorder, CO2 back up, storage  
racks, boxes etc.

**Horizontal**



**Vertical**

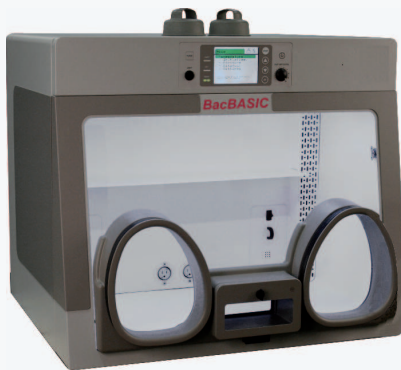


# REFRIGERATORS





**Anaerobic Chamber**



Biological Cabinets: Class I,II,III.  
HEPA Filter Leak Proof, UV Lamp.  
Horizontal Vertical Laminar  
Airflow. CE and ISO Standards.  
Mobile or fixed in Various sizes.

## MANY KINDS OF FUME HOOD

- Chemical Fume Hood
- Biological Fume Hood
- Laminar Fume Hood
- Anaerobic Chamber

**Biological**



**Laminar**



**Chemical**



## GAS BURNERS

**Digital Gas Burners**



**Carrousel for flame  
sterilizing inoculation  
loops**



**Bacti-Cinerator  
Sterilizer**



## ALL KINDS OF FURNACES

- Box Chambers
- Ashing Furnaces
- Tube Furnaces
- Large Furnaces
- Dental Furnaces

A wide range of Furnaces in different sizes for high temperatures between 1100-1600°C. MRC's multipurpose furnaces with stainless-steel cabinet are suitable for every laboratory application, including burnout preheating, tempering casting and metallurgical process.

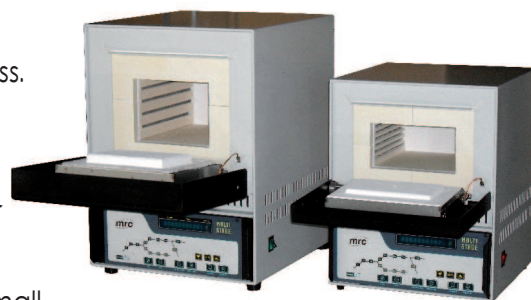
MRC provides ashing furnaces with low thermal mass chamber insulation for energy efficiency and rapid heating and cooling.

Vertical furnaces for materials research of novel materials under strict Temp. and atmosphere.

Large furnaces for burning of ceramics, thermal processing of small metal particles.



1100-1600°C



MSF 12/6

MSF 11/4



Large



Ashing



Tube

## CRYOGENICS/ICE MAKER

Ice machine flakes with quick ice making and great ice making capacity. cryogenics available in 6 sizes with durable construction for years of trouble-free service.



Liquid/Biological for Storage

Large/Liquid/ With Racks

Ice-Maker





# 17 | HEATING MANTLES



## MANY KINDS OF MANTLES

- SpillProof Mantles
- Multi Unit Kjeldahl Apparatus Mantles
- Metal Case Mantles
- Tapes & Controllers



Heating Tapes /Controllers



Metal Case/  
Analog/Digital

A range of Heating Mantles for beakers and a large range of flasks. The units are designed with a mechanical protection against spillage and enable easy cleaning.

Multi unit positions apparatus, & multi position round top extraction heater for many laboratory purposes.



SpillProof



Multi Unit/Kjeldahl Apparatus

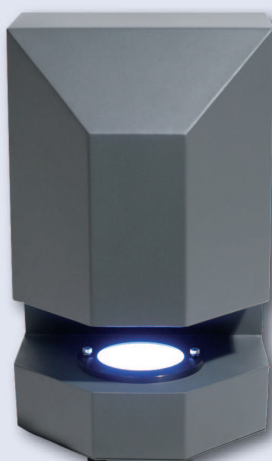
# COUNTERS

A wide range of counters for colony and blood cells. Colony counter with electronic register which provides uniform sensitivity over the whole range of working fields.

Different automatic colony counters that provide fast and accurate colony counting and calculation. Variety of blood cell counters for simplifying differential blood cell counts.



Colony



Differential Blood Cell

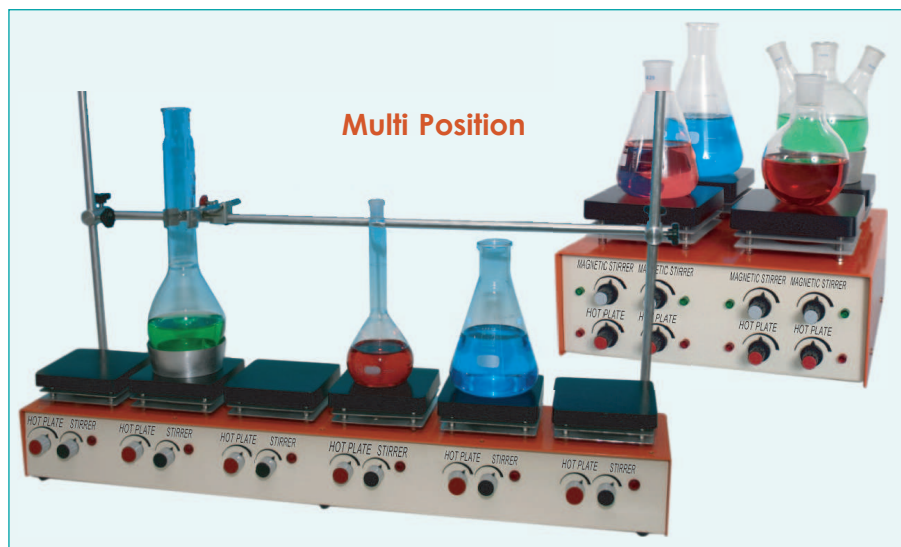


## ALL KINDS OF HOPLATES

- Aluminium Top Hotplates
- Ceramic Top Hotplates
- Incinerator/Sand
- Analog/Digital Hotplates/Stirrers
- Multi Position Hotplates

Analog or Digital Hotplates and Stirrers Multi positions or single. External sensor input for better temperature control on the warming sample, Safety thermostat, External/internal sensor switch.

Ceramic Top Hotplates up to 500degC. PID controller for Accuracy and And temperature stability.



## EVAPORATOR

Efficient and gentle removal of solvents from samples by evaporation. If you need to Distillate or Extract liquids Rotary Evaporators is efficient solution due to combination between rotating vacuum and heating. Speed 20–200 rpm up to 90 Degrees Celsius, up to 3 liter.





## Shaker Incubators

Options and accessories:  
Refrigerated, Universal Rack,  
Flask Holders, Double Platform,  
Digital Speed Control,  
PID Control.

Refrigerated  
Large  
Capacity



Refrigerated



For Tubes &  
Microplates



BenchTop



Microplates

## MANY KINDS OF INCUBATORS

- Natural/Forced Convection
- BOD Incubators
- Growth Incubators
- Hybridization Incubators
- Shaker Incubators
- CO2 Incubators
- Humidity/Temp. Incubators
- Refrigerated

A wide range of Incubators:  
Growth, CO2, Shaker, BOD,  
Microbiological incubator with  
natural or forced convection,  
Hybridization.  
High temperature accuracy and  
Stability.



Forced  
Convection

Natural  
Convection

Hybridization

BOD

Growth

## CO2 INCUBATORS



Drosophila

Air Jacket

Water Jacket

Large Capacity



## ALL KINDS OF TESTERS

- Salt Spray
- Abrasion
- Melt Flow
- Heat Deflection
- Metallurgical Specimen
- Grinders/Polishers
- Press/Force/Hardness
- X-Ray



Heat Deflection

Heat Deflection Tester.

Wide range of Samples Preparation Instruments: Cutters, Grinder/Polisher, press.

Flash Point Open Or Close Cup.



X-RAY

Force

Durometers

Torque

XRF Handheld Fluorescence Spectrometer for Metallurgical Analysis. Moment and Force measurements, Hardness tester: Rockwell, Durometers Shore A,C,D.

Tensile Testing, Corrosion, Melt Flow Indexer,



Salt Spray



Melt Flow



Grinders/Polishers



Abrasion



Metallurgical Specimen Cutters

## PRESS/PROJECTORS/FUMING CHAMBERS



Fuming Chambers



Press Forming



Projectors



Mounting Press





Variety of measuring instruments with or without Data loggers. Measuring Parameters: Sound, Light, UV Light, Air Velocity/ Anemometers, Co2, Moisture, Electro-magnetic field(EMF) radiation generated by power lines, monitors, TV etc.

Water Potential Measuring Instrument : uses a pressure chamber to measure water potential of plants. This Indicates: Prevailing soil moisture

condition, Influence of environment factors, State of water within the plant. The pressure chamber method demonstrates the plant's reaction to moisture excess or deficiency. This data will determine an exact irrigation schedule.

## MANY KINDS OF METERS

- Water Quality
- Environment
- Humidity/Moisture
- Temperature/Recorders
- Vacuum/Pressure
- Thickness/Distance/Vibration
- Agriculture



## DENSITY/VISCOSITY

### Density

Portable and benchtop density/ Specific gravity meter for quick and precise measuring.

Portable meter with large display and handling for different kinds of foods etc.



### Viscosity

Analog or Digital Rotary Viscometers, Stormer Viscometers, Circulating Water bath for Viscometer. Wide range of: viscosity, Rotors, RPM, With or without temperature.



## ALL KINDS OF MICROSCOPES

- Stereo Microscopes
- Gemological Microscopes
- Video Microscopes
- Biological Microscopes
- Metallographic Microscopes
- Epi-Fluorescent Microscope
- Inverted Microscopes
- Metallurgical Microscopes
- Measuring Microscopes
- Surgical Microscopes
- Colposcopes
- LED Heading
- Boreoscopes
- Cameras/Accessories

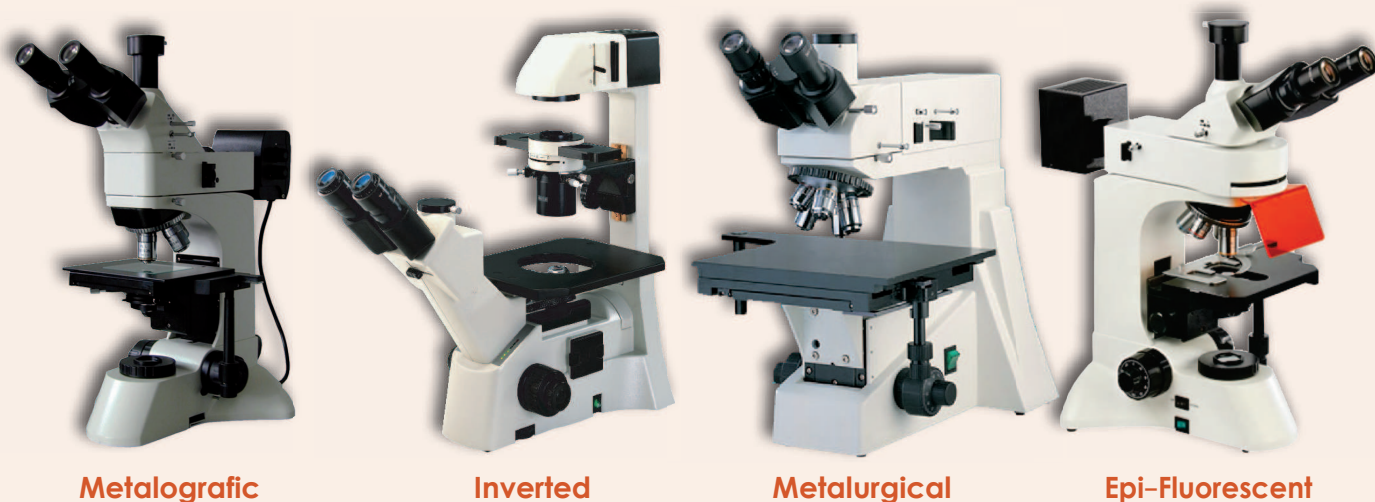


A wide range of microscopes for different applications (Stereo, Biological, gemological, metallurgical etc) with varied features and accessories.

Light sources, cameras, stands and auxiliary objectives for different purposes.



## METALLOGRAPHIC/INVERTED/METALLURGICAL





## MANY KINDS OF MILLS

- Sample Mills
- Crushing
- Roll Jar Mills
- Mill Pots/Balls
- Cutting Mills

A wide range of mills in different speeds and shapes for many applications.

Mills for Dry

Sample



Knife

Pharmaceutical Tablet mill

Cutting

MRC supplies Sample mills, knife mills, tablet grinder, vertical crushing machine and cutting mills.

Large ball mills in different speeds and sizes with adjustable roller and number of stages.

Cutting

Crushing

Roll-Jar



## BLENDERS

Heavy Duty

Powerful and durable blenders for grinding, blending, chopping and processing. Our blenders are available in either stainless steel or glass. These blenders are used with both wet and dry ingredients, and are available in various sizes with varying speeds.

Cotainers

BagMixer-Lab Blender



## ALL KINDS OF OVENS

- Natural Convection Ovens
- Forced Air Ovens
- Horizontal Air Flow Ovens
- Economy Ovens
- Analog/Digital Ovens
- Clean Room Ovens
- Solvent Ovens
- 200–600°C Ovens
- Small/Medium/Large Ovens

### Vacuum Ovens



A wide range of ovens for different applications in many sizes and with varied features. The ovens provide a combination of excellent performance and reliability.

Ovens for drying, vacuum, clean rooms etc. are available with temperature control and programming.



**Natural Convection**  
200°C



**Air-Forced**  
250°C



**Horizontal Air Flow**  
300°C



**Large Capacity**  
250°C

## LARGE/HIGH-TEMP./CLEAN-ROOM/SOLVENTS



**Forced-Air**



**High-Temperature**  
600°C



**Clean Room**



**For Solvents**



# 25 | PERISTALTIC PUMPS



## MANY KINDS OF PERISTALTIC PUMPS

- Basic Peristaltic Pumps
- Flow Rate Peristaltic Pumps
- Dispensing Peristaltic Pumps
- High Flow Peristaltic Pumps
- Water Proof Peristaltic Pumps
- Heads



Heads

A wide range of Peristaltic Pumps with varied functions and features. Multi pump heads for different flow rates.

Different pipe lines for a wide range of materials and flow rates.



Water Proof



Basic



High-Flow



Flow-Rate



Dispensing

# SYRINGE PUMPS

MRC syringe pumps combine precision, compact size with ease of installation and operation. accurate distance control and broad linear speed range. The features of accurate distance control and broad linear speed range can meet versatile requirements.



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## ALL KINDS OF VACUUM PUMPS

- Oil-Free Vacuum Pumps
- Multi Branch Manifolds
- Chemical Resistant Pumps
- Aspirator
- Oil Vacuum Pumps
- Vacuum Filtration Stand
- Portable/Mobile Suction Units
- Bio Suction Units
- Compressor



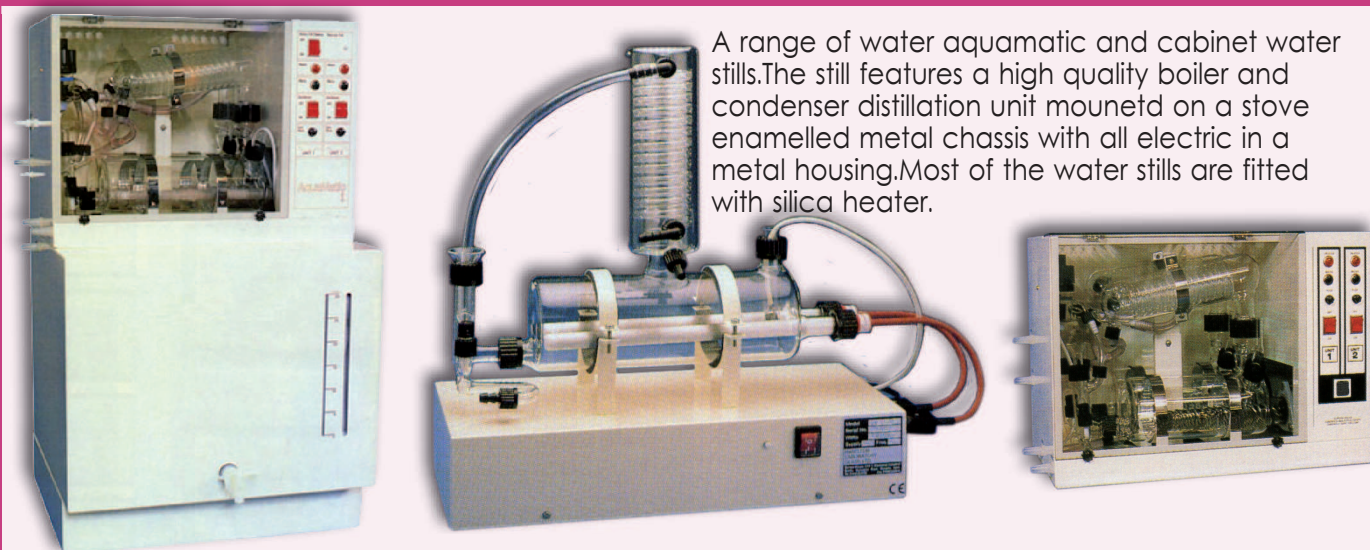
Variety of Vacuum Pumps : Piston or oil Pumps, Chemical Resistant, Filtration, Portable/Mobile Bio suction units (fits also for pathological use).

All a Accessories needed: Oil, Oil traps and Filters, Filtration funnels, Multi Branch Manifolds etc.



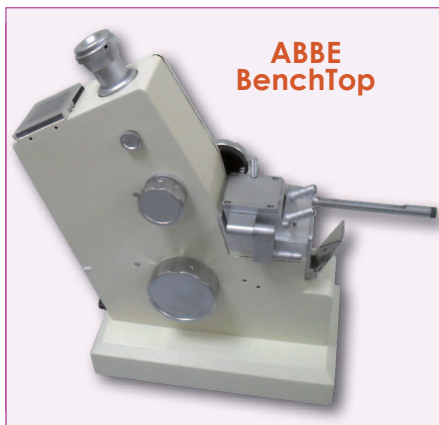
## DISTILLATION

A range of water aquamatic and cabinet water stills. The still features a high quality boiler and condenser distillation unit mounted on a stove enamelled metal chassis with all electric in a metal housing. Most of the water stills are fitted with silica heater.





## 27 | REFRACTOMETERS



**ABBE  
BenchTop**

Our extensive selection of economical refractometers are used in many industries to make quick and easy measurements. These simple, reliable, hand refractometers are suitable for fruit juices, jam, honey, soft drinks, ripeness of fruit, sugar content of beer and cane juices, sauces, soluble oils, detergents, anti-freeze and numerous other products.

Models with automatic temp. compensation (ATC) are ideal for varying temperature conditions during a production process. A wide range of test parameters: Brix, Glucose Fructose Invert Sugar,



**Gemologic**

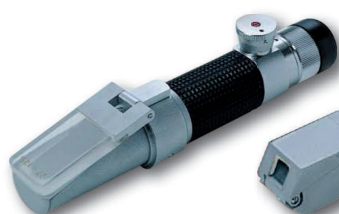
Specific Gravity or Baume, Potential Alcohol, Percentage of Water, Practical Salinity Units (PSU), Salinity(ppt), Specific Proteins, Urine, Freezing, Poin Alcohol, °Oechsle (°Oe) e °KMW (°Babo), Refractive index (nd), Gemology refractometer.

### ALL KINDS OF REFRACTOMETERS

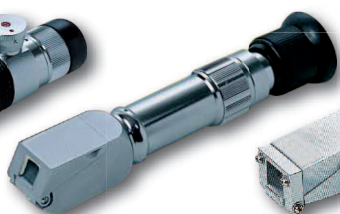
- Digital Refractometers
- BenchTop Refractometer
- Hand Refractometers



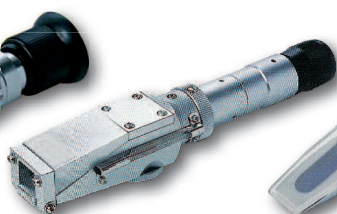
**Digital**



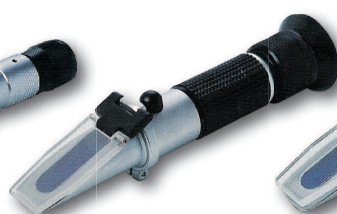
**Freezing  
Point**



**Protein  
Urin**



**Alcohol**



**Salinity**



**Sugar**

## POLARIMETERS

Fully automatic Semi Automatic and Disk Polarimeters.

Polarimeter used to measure angle of rotation, specific optical rotation of optically active substance. Rotate either to the Left (counter-clockwise) or Right (clockwise) You can calculate its purity, concentration and percentage by measured value.

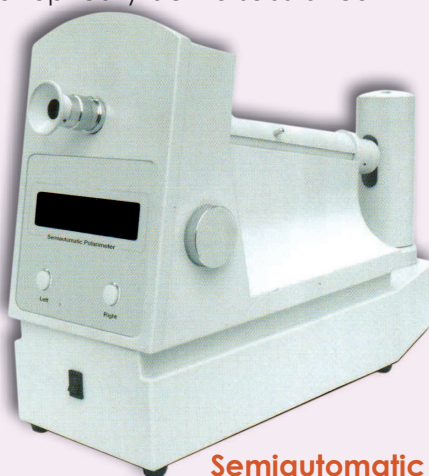
Used in Pharmaceutical Chemical and Food Industries.



**Full-Circle Manual**



**Automatic**



**Semiautomatic**



**CHROMalytic** +61(0)3 9762 2034

**ECH**nology Pty Ltd

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**12/13**

## ALL KINDS OF ROTATORS

- Tubes Rocker/Rollers
- Suspension
- Tubes Mixer/Rollers



Adjustable  
Speed &  
Angle of  
Rotation



Multi  
Tube  
Rotator

Tube/Platform Head



Rotators are used in a wide array of situations such as: Industrial, Clinical Laboratories, Academic Facilities, Government Research Laboratories, Environmental Applications, Food Technology and Wastewater Facilities.

Suspension  
Mixers



Multi Purpose  
Mixer



Roller Mixer

Use with a  
wide Variety of Accessories

## HOMOGENIZERS

BenchTop



HandHeld



homogenizers for many uses with exchangeable dispensing generators and optional tanks.

Spin-Mix





## ALL KINDS OF SHAKERS

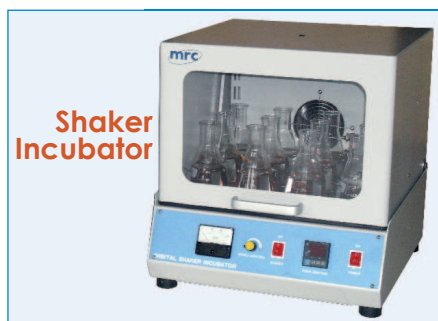
- BenchTop Shakers
- Orbital Shakers
- Twist Shakers
- Reciprocal Shakers
- Rocking Shakers
- Waver Shaker
- Sieves



Orbital



Reciprocating



Shaker Incubator

MRC offers the perfect line of lab shakers for mixing and shaking tasks.

All types of movements orbital, reciprocal, twist, rocking, waving.

MRC shaker incubators and

water bath shaker are very popular in laboratories.

Its precise temperature control makes the incubator shaker a reliable asset in every lab.



Rocker



Waver



Twist



Reciprocating

## PLATLET/FUNNEL/MICROPLATE MIXER



For Sieves

A range of mixer shakers for tubes and microplates with continuous or timed operation. Funnel shaker for organic, inorganic chemical, medical research, extraction and development of media, and waste water analysis. Platlet shaker for blood banks with removable open mesh shelves to provide air circulation.



Platlet



Funnel



Microplate Mixer

## ALL RANGE OF OVERHEAD STIRRERS

- Analog/Digital Stirrers
- 45/60 Watt Stirrers
- 80/150 Watt Stirrers
- 200/300/450 Watt Stirrers
- Brushless
- HomoMixer
- Dispensers
- High Viscosity Stirrers
- Propellers



High Speed

NO.1	NO.2	NO.3	NO.4	NO.5
 Ø4,5,6,7,8,9,10cm	 Ø5cm	 Ø5cm	 Ø5cm	 Ø5cm
NO.6	NO.7	NO.8	NO.9	NO.10
 Ø3,7,10cm	 Ø5cm	 Ø5cm	 Ø5,9cm	 Ø1,5,2,5,4cm
NO.11	NO.12	NO.13	NO.14	NO.15
 Ø56,8,10,12,14cm	 Ø10cm	 Ø5cm	 Ø5,7,10cm	 Ø8,10,12cm
NO.16	NO.17	NO.18	NO.19	NO.20
 Ø8,10,12,16,20cm	 Ø5cm	 Ø5,7,7.5,8,11cm	 Ø9.5cm	 Ø7cm
NO.21	NO.22	NO.23	NO.24	NO.25
 Ø3cm	 Ø2,5,4cm	 Ø14cm	 Ø10cm	 Ø4cm

Propellers

MRC offers range of overhead stirrers for stirring and mixing tasks in the lab – for lower to high viscosities. MRC overhead stirrers process stirring quantities of up to 200 liters. A broad spectrum of stirring propellers is the key to successful mixing. All stirrers include an electronic safety circuit, variable speed control analog or digital, optional speed meter and torque meter.



45 Watt

60 Watt

80 Watt

HomoMixer

Dispenser

## MAGNETIC STIRRERS

There is a complete range of MRC professional magnetic stirrers to handle various quantities, either with or without heating capabilities. MRC multichannel stirrers provides 4, 5, 6, 10 stirring places with separate speed controller.



Ceramic Top

Multi Channel





## APPLICATIONS

- Laboratories
- Medicine
- Dental
- Optics
- Jewellery & Watches
- Chemical Sector
- Plastics Industry
- Aircraft Industry

Ultrasonic cleaning is faster, more consistent, safer than any other

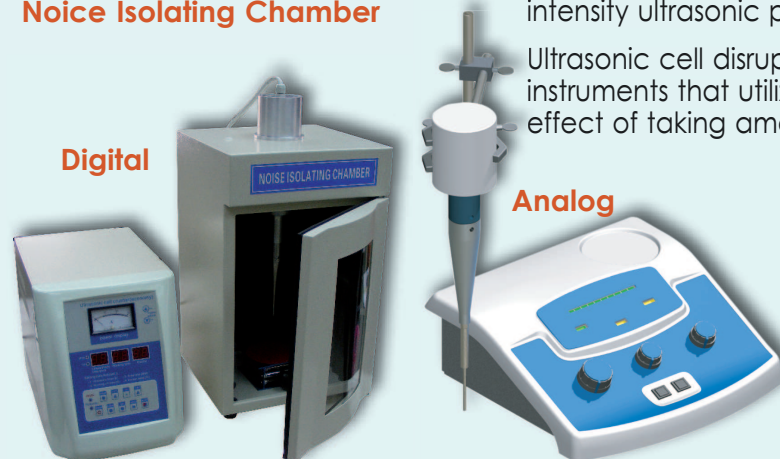
method. Used in industry and laboratory cleans thoroughly on the surface & in the depth of the material.

Rugged enough for industry, Consistent enough to meet medical and laboratory standards, Safe enough for delicate electronic parts and precious.



## ULTRASONIC PROCESSORS

### Noice Isolating Chamber



The Sonicator series is the most technologically advanced high intensity ultrasonic processor available to the researcher.

Ultrasonic cell disruptures are multi-function and multipurpose instruments that utilize strong supersonic produce empty effect of taking among liquid, the instruments of multi-function, multiuse of dealing with the supersonic to the material, can be used in the brokenness of many kinds of animal and plant cells, virus cell, at the same time, can use emulsification, separates, melts, draws, subdues steeping, washes and accelerates the chemical reaction etc.

# Laboratory Products



## 2012 Overview 30p



- Laboratory equipment
- Analytical equipment
- Incubators/ovens/furnaces
- Microscopes
- Balances
- Measuring meters
- Material testing
- Medical Equipment

2011 Catalog is PARTIAL Only : expanded as needed  
see Chromalytic web page or TABLE of CONTENTS