

LIFE SCIENCES LAB



EQUIPMENT LIST

TESTING & MEASUREMENT EQUIPMENT



Lab Line Autoclave

Autoclave for sterilization of plastics, liquids, tools, clothes and glass

Model number: 3870ELP
Equipment Part: 23210672

 DO NOT USE TAP WATER FOR AUTOCLAVE



302 Echo Revolve R4

A two in one microscope: upright and inverted with capability of fluorescence

Model number: CAT# 76490



Azure 300 Imaging System

Chemiluminescent Western Blot Imager

Model number: AZI300-01

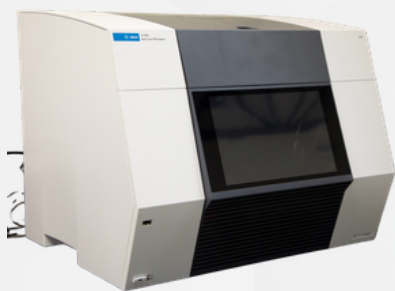


Biometra TRIO 48 Cycler

Thermal Cycler for amplifying segments of DNA via the Polymerase Chain Reaction (PCR)

Model number: 846-4-070-723

TESTING & MEASUREMENT EQUIPMENT



AriaMx Real-Time PCR

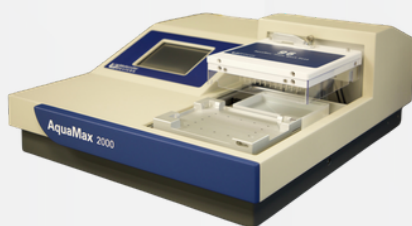
Device for quantifying the amount of DNA

Model number: G8830A



SpectraMax Mini Multi Mode Reader

Equipped with three modes of detection for UV-Vis absorbance, fluorescence and luminescence. Used for cell viability, antibody detection, gene expression etc



AQUAMAX 2 Plate Washer

Device for biochemical and cell-based assays.

The AquaMax® Microplate Washer is a fully self-contained system, configurable for both 96- and 384-well microplates. Use preconfigured wash, soak, and aspiration protocols or create your own multi-step protocol using the simple touchscreen interface. For biochemical assays, the washer removes unbound material and unreacted reagents. For cell-based assays, the washer has the option for 96- or 384-well cell wash heads with angled pins to allow extremely gentle washing of weakly adherent cell types.



Biosafety Cabinet

The cabinet provides personnel, product and environmental protection and is suitable for work in biosafety levels 1, 2 and 3.

Model number: 76317-622

 BIOLOGICAL HAZARD

TESTING & MEASUREMENT EQUIPMENT



Analytical Balance

Analytical balance for weighing

Model number: CAT# 76446-794



Pipettors for Liquid Handling

Pipettors for liquid handling.

Model number: CAT# 76169-268



Vortex Mixer

Used for gentle shaking or high speed mixing for vigorous vortexing of samples

Model number: CAT# 10153-838



Vessel Stirrer

Small stirrer for mixing liquids in vessels such as a beaker or flask

Model number: CAT# 10153-314

TESTING & MEASUREMENT EQUIPMENT



Analytical balance Cell Culture Package Centrifuge for Spinning (15ml and 50 ml tubes)

Device used for separation solid particles dispersed in liquid medium

Model number: CAT# CA89207-268



Incubated Shaker

The incubator shaker can be used for growth of just about any kind of cell including bacterial cultures, tissue cultures, and yeast

Model number: CAT# CA89174-466



Water Bath

Device that helps bring your materials to a particular temperature, catalyze chemical reactions such as restriction digests needed in molecular biology, and thaw cell lines.

Model number: CAT# 76308-896

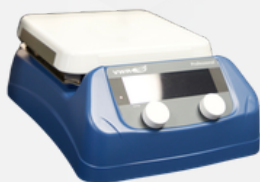


Forced Air Incubator

provides great temperature uniformity and stability throughout the chamber - ideal conditions for material testing and heat treatments.

Model number: 89511-412

TESTING & MEASUREMENT EQUIPMENT



Hot Plate Stirrer

Device for mixing and heating aqueous solutions for a great variety of chemical reactions such as synthesis.

Model number: CAT# 76447-040



-80 Freezer

Freezer for sample storage and cell preservation

Model number: 76305-596

 Wear Protective Gloves when using



-30 Freezer

Freezer for sample storage and cell preservation

Model number: 76383-292



Refrigerator

Model number: 76518-110

TESTING & MEASUREMENT EQUIPMENT



Cryogenic Vessel

Cylinders to offer a safe and efficient way to store and dispense small amounts of liquid nitrogen

Model number: CAT# 24269-054

 WEAR GLOVES AND FACE SHIELDS WHEN USING



Arium Ultrapure Water System

Model number: 76290-582



Ward's® Automatic Autoclave

Freezer for sample storage and cell preservation

Model number: 76383-292

TESTING & MEASUREMENT EQUIPMENT



Zefon Bio-Pump Plus

Used for indoor air quality sampling.

Model number: Bio-Pump Plus

Qty: 1



BEXCO Heavy Duty Blood Cell Counter

Used for counting and tracking microbial and blood cells.

Model number: 8 Keys

Qty: 1



Canadian Cabinet Fume Hood

Used to limit exposure to hazardous or toxic fumes, vapors, or dusts.

Model number: cc-60-ba

Qty: 2



SADA MEDICAL Vertical Autoclave

Used for sterilizing laboratory equipment and waste.

Model number: VA-SJ 50

Qty: 1

TESTING & MEASUREMENT EQUIPMENT



OHAUS Frontier 5000 Series Multi Pro Refrigerated Centrifuge

Used for the separation of fluid, gas, or liquid by density.

Model number: FC5916R 120V

Qty: 1



LabLine Floor Model Shaking Incubator

Used for cell culture, cell aeration, and solubility studies.

Model number: 3522

Qty: 1



Unico Laboratory Incubator

Used for biological cell and tissue culture growth.

Model number: L-CU300 (30 Liter, 110 Volt)

Qty: 2



Enviralab Sterility Module (ESM) Laminar Flow

Provides ISO Class 5 clean air in a stainless-steel work zone via positive-pressure vertical airflow for USP 797 IV applications.

Model number :ESM (Size 4')

Qty: 1

TESTING & MEASUREMENT EQUIPMENT



QTRAP LC-MS/MS System

Used for mass spectrometry analysis.  **PAY PER USE**

Model number: 4000

Qty: 1



Mettler Toledo Analytical Balance

Used for precise measurement of mass.

Model number: ME204

Qty: 1



YaeTek Magnetic Stirrer with Heating Plate

Used for heating and mixing laboratory liquids.

Model number: 4.7 x 4.7 inch

Qty: 1



Genie Analog Control Vortex Mixer

Used for rapid mixing of small vials of liquid.

Model number: 600 RPM to 3,200 RPM

Qty: 1

TESTING & MEASUREMENT EQUIPMENT



SH-2 Magnetic Stirrer

Used for laboratory constant temperature heating and stirring.

Model number: SH-2

Qty: 1

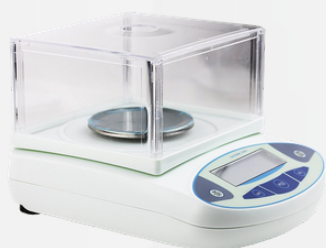


BlueLab Combo Meter

Used to measure pH, conductivity, and temperature.

Model number: BLU2300E

Qty: 1



YaeTek Lab Analytical Balance Digital High Precision Electronic Scale

Used for high precision weighing.

Model number: 200x0.001g 1mg

Qty: 1



AmScope Student & Professional LED Binocular Compound Microscope

Used for magnified viewing of small biological specimens

Model number: B120 Series (40X-2500X Magnification)

Qty: 1

TESTING & MEASUREMENT EQUIPMENT



Shimadzu High-Performance Liquid Chromatography (HPLC)

Used to separate, identify, and quantify each component in a mixture. ⚠️ **PAY PER USE**

Model number: LC-20AD

Qty: 1



Shimadzu Ultra Fast Liquid Chromatography (UFLC)

Used for rapid liquid chromatography analysis.

Model number: DGU-20A5R

Qty: 1



Fisherbrand Isotemp Undercounter Lab Freezer

Used for secure storage of temperature-sensitive samples.

Model number: GT05LFEEFSA

Qty: 1



Beckman Coulter Refrigerated Centrifuge

Used for separating substances of different densities.

Model number: Allegra 6R

Qty: 1