

GeNeiTM
Since 1989



GenKlassicTM
Instruments

AUTOCLAVE VERTICAL



- Inner/outer Chamber 304 Grade S.S
- Low water cut Off, Automatic pressure Valve; Pedal lifting device, Steam release valve; Water outlet valve; Auto purging, Working at 15 psi & 121°C

AUTOCLAVE HORIZONTAL



- Cylindrical / Rectangular design, Stainless steel interior and exterior, ISI marked flange / immersion heating elements
- Working pressure 15 psi to 20 psi, Stand by temperature 121°C

BIOSAFETY CABINET CLASS II-A2 & CLASS II-B2



- Construction inner, SS 304, outer Body MS Powder Coated
- Air recirculation recirculate approximately 70% air and 30% exhaust.
- HEPA filter efficiency 99.95%.
- Microprocessor controller for UV, Blower Motor, LED/FL Lamp with inbuilt pressure gauge and UV timer.

BOD INCUBATOR



- Microprocessor based temperature Controller.
- Inner SS 304 & Outer MS Powder Coated.
- Temperature Range 5°C to 60°C
- Removable Perforated SS trays, PUF
- Insulation, Air heaters with circulation
- Fan, HCFC/CFC Free Compressor

BOD INCUBATOR SHAKER



- Construction SS 304/316/ Powder coated MS or GI sheet.
- Air recirculation 100% air exhaust.
- HEPA filter efficiency, 99.95%.
- Microprocessor controller for UV, Blower Motor, LED/FL Lamp.

BACTI CINERATOR STERILIZER



- It takes 20 minutes to heat up to the highest
- Heating Speed 20min (to max. temp.)
- Max. Sterilize Diameter 14 mm
- Heating Element Length 140 mm
- Voltage AC220V or AC110V, 50-60Hz
- Power 250W

BALANCE ANALYTICAL



- Calibration Internal
- Type Of Weighing Scale Digital
- Pan Size 90mm, Display Touch screen
- Readability (0.1mg), Linearity $\pm 0.0003\text{g}$
- Response Time 4-5 Sec
- Frequency Hz 50-60 Hz
- Voltage AC 220 Voltage
- Humidity Range 50-70% RH

BALANCE TABLE TOP



- Capacity 15kg, 20Kg
- Readability 0.1 g (100mg)
- Repeatability 0.1 g
- Linearity 0.3gm
- Pan Size (mm) 230x320
- Display LCD
- Interface RS232C Yes
- Tare Range Full
- Operating Temp 10°C to 40°C

DEEP FREEZER MINUS 80



- Operating Temperature range -86°C
- Internal Body Material S.S. 304 & External Body Material Powder Coated
- Microprocessor with PT-100 sensor
- Audio Visual Alarm, Battery Back Up 8
- Hours (For alarm system & temperature Recorder) etc

DRY BATH HEATING & COOLING



- Temperature Control Range $\text{RT}+5^{\circ}\text{C}$ -
- 100°C & -10°C - 100°C . Heating Time $\leq 15\text{min}$ (from 20°C to 100°C)
- Block Temperature Uniformity $\leq \pm 0.3^{\circ}\text{C}$.
- Interchangeable block available for tubes and plates

GRADIENT THERMAL CYCLER 96WELL



- Temp Range 4~99.9°C (constant temp.: 4°C)
- Sample capacity 96×0.2ml
- Max. Heating rate 4.5°C/s, Max. Cooling rate 4°C/s, Temp
- Gradient temp. Range 30~99.9°C
- Gradient temp. Difference range, 0.1~30°C

GRADIENT THERMAL CYCLER DUAL-BLOCK



- Suitable 48x2x0.2ml tubes, 8x 0.2ml
- strips. Block Temperature 4~105°C.
- Heating Rate (Max.) 6°C /s, Cooling Rate (Max.)
- 5°C/s, with LCD display Touch screen
- Lid Temperature range 30°C~110°C
- Numbers of Gradient 12, Max. Cycles 99, Max. Steps 30

GRADIENT THERMAL CYCLER 32 WELL



- Single step time range 1~59m59s
- Temp. range 4~99.9°C, capacity 32×0.2ml
- Max. heating rate 6°C/s, cooling rate 5°C/s
- Hot cover temp. range 30~105°C.
- Gradient temp. range 30~99.9°C.
- Gradient temp. accuracy ±0.3°C.
- Temp. uniformity ±0.25°C.

GEL DOCUMENTATION SYSTEM



- Resolution 5 MP, 2592*1944, Grey Scale 16bit (65536 Grey scales)
- EB stained DNA, UV Plate Wavelength 302(Optional 254or 365nm)
- Transmission area 21cm*26cm
- Lens F1.2 motorized lens, Auot Focus Function, Filter system, Standard 59nm filter

HOT AIR OVEN



- Inner Chamber 304 Grade S.S & outer MS powder coated
- Temperature Range 10°C above ambient to 250°C
- LED Display, Over-temperature protection
- 2-4 Stainless steel shelves (Removable), Solid doors, silicone rubber gasket & lock

HAND HELD HOMOGENIZER



- Speed Control Range 8000-35000rpm (digital display)
- Hand Held Design with Stand as optional
- Smart & Light Weight with Ergonomic Design
- Working noise: 72dB(A).
- Appropriate for 0.5~250ml liquid sample

HOMOGENIZER



- Speed range (rpm) 2430 rpm--4260 rpm, increment 10 rpm
- Cycle 10
- Programmable 50
- Samples 24×2 mL/1.5 mL, 12×5 mL grinding tube
- Noise <70 db
- Adapter Rotor for 2 ml×24 (standard) or rotor for 5 ml×12 (optional)

ICE FLAKING



- Fully Automatic, microprocessor control
- Stainless Steel construction
- Continuous Ice Flakes Output
- CFC free compressor, Low water level detection, Overload protection
- Noiseless operation, Compact Design and low maintenance.
- Available in 30,50,100,200 & 300 kg

INCUBATOR



- Inner Chamber 304 Grade S.S & outer
- MS powder coated
- Temperature range Ambient+5 to 70°C.
- Dual display PID controller Display SV & PV Auto tuning feature.
- Insulation Glass wool, Insulated door
- Mechanical latch / clamp, Glass window

INCUBATOR SHAKER



- Inner Chamber 304 Grade S.S & outer MS powder coated
- Temperature range Ambient +5 to 70°C
- Dual display PID controller
- Display SV & PV Auto tuning feature.
- Insulation Glass wool, Shaking Speed 50 to 250 rpm.

SAMPLE CONCENTRATOR



- Temp Range RT.+5°C -160°C, Temp
- Accuracy $\pm 0.5^{\circ}\text{C}$ (@40°C), Temp accuracy $\pm 1^{\circ}\text{C}$ (@120°C)
- Temp Uniformity $\pm 0.5^{\circ}\text{C}$ Display accuracy 0.1°C
- Timing range 1min-99h59min/§
- Heating time ≤ 15 min (from 25°C to 160°C)

TUBE ROLLER



- Speed Range 5rpm~80rpm
- Operation Mode rolling
- Amplitude 25mm
- Roller Quantity 6
- Roller Length 280rpm
- Max. Load 4kgs
- Time Range 1min~99h59min
- Voltage AC 100~230V, 50/60Hz
- Power.25WFuse250V, 1A, $\Phi 5 \times 20$

THERMO SHAKER



- Temp setting range 0°C~100°C
- Temp control range RT.+5°C~100°C
- Time range 1min~99h59min
- Temp uniformity $\leq \pm 0.3^{\circ}\text{C}$
- Temp accuracy $\leq \pm 0.3^{\circ}\text{C}$ "
- Display accuracy 0.1°C
- Speed range 200~1800rpm

INCUBATING ROCKING SHAKER



- LCD display for speed, tilt angle, temperature and time, See-saw like motion Step motor
- Temp. setting range 0°C~65°C
- Temp. control range RT.+5°C~65°C
- Time range 1min~99h59min/§
- Temp accuracy $\leq \pm 0.5^{\circ}\text{C}$ @37°C
- Display accuracy 0.1°C

THERMO SHAKER (with heating lid)



- Temp. setting range 0°C~105°C
- Temp. control range RT.+5°C~105°C
- Orbit 2mm,
- Time range 1sec-99min59 sec
- Temp uniformity $\leq \pm 0.3^{\circ}\text{C}$
- Speed range 200~3000rpm
- Heating time $\leq 10\text{min}$ (from 25°C to 100°C)*Fan

ULTRA BRIGHT UV TRANSILLUMINATOR



- Viewing Size 21 x 26 cm
- Wavelength 365 & 302 nm (UVA & UVB)
- Blocking Cover Aluminum alloy metal frame. Light Intensity 100% or 50%.
- Filter UltraSafe UV blocking (block 99.99% UV transmittance).
- Accuracy CV<5% across the viewing area

ULTRA SLIM® LEDILLUMINATOR



- View size (mm) 120D x 70W
- Wavelength (nm) 470 nm
- Smaller: Single-handedly take
- Accurate: <10% CV across the full filter area
- Easy: Easy for observation and gel cutting with Light source Blue LED light

ULTRA SLIM UV TRANSILLUMINATOR



- View size (mm) 150D x 80W
- Smallness: One-handed lifting
- Accuracy: <5% CV across the viewing area
- Sensitivity: Up to 0.5 ng nucleic acid
- Higher S/N ratio Ease: Easy for observation, and gel cutting Outer

UV/VIS SPECTRO- PHOTOMETER DOUBLE BEAM



- Wavelength 190-1100nm
- Optical-Double beam Grating 1200 lines/mm
- Bandwidth-1mm
- Light Source Imported Xenon Lamp
- Detector Imported Silicon Photodiode Cuvette
- Holder 10mm single hole cell holder

MAESTRO NANO



- Measurement Sample Size 2 μ
- Minimum Concentration 2 ng/ul (dsDNA), 1.6 ng/ul (RNA)
- Maximum Concentration 2,000 ng/ul (dsDNA), 1,600 ng/ul (RNA).
- Light Propagation Material Quartz glass, Internal Storage 32GB.
- Absorbance Range, (10mm), 0.04~40.
- Light Source Xenon flash lamp

NABI- UV/VIS NANO SPECTRO-PHOTOMETER



- Stand-alone system with easy-to-use 7.0" LCD touch screen
- Xenon Flash Lamp, Detector CCD (2,048 Pixels), Wavelength Accuracy ± 1 nm Wavelength
- Range 190-1,100 nm Spectral Resolution 0.3 nm
- Power Consumption 80-100 W

BAG MIXER



- Sterile disposable filter bags to ensure hygiene and safety.
- Picker can adjust the distance between front and rear.
- Glass transparent window is easy to observe.
- Fully open door for easy cleaning.
- Time: 0.1-99min. Rap speed: 3-12 times/s Capacity: 3-400ml

CO₂ INCUBATOR



- Heating: Air jacket with UV lamp
- Temperature range: RT +5°C-60°C
- Temp. Fluctuation $\leq \pm 0.2^\circ\text{C}$ (at 37°C)
- Alarm: audible and visual (CO₂ and temperature)
Shelves: 2 pieces variable Door: double
- CO₂ IR sensor, range 0-20% interior made of stainless steel USB port and LCD touch screen

MICRO PLATE INCUBATOR



- It is mainly used for solution incubation of ELISA plate (96-/384-well), Cell culture plate (24-/48-/96-well) at proper temperature.
- Control Range RT+5°C-70°C
- Block Temperature Uniformity $\leq \pm 0.5^\circ\text{C}$.
- Temperature Control Accuracy $\leq \pm 0.2^\circ\text{C}$, Heating

ULTRASONIC BATH/CLEANER



- No nail-bonding process, longer service life of the tank
- Frequency: 40 KHz
- Ultrasonic power: 120W
- Capacity: 5L, 10L, 22L, Ultrasonic Power adjustable:0-100%
- Timing: digital control (1-99 min adjustable)

VORTEXER



- Operation display pattern Key + digital display
- Orbit 2mm, Powe 30W
- Shaking mode circle
- Operation mode Continuous running/Short Mix
- Speed Range 300~3000rpm
- Timing Range 1s~ 999min

WATER BATH CIRCULATING



- Fitted with digital temperature controller
- Excellent temperature accuracy & uniformity
- High-grade stainless-steel interior
- Powder coated, Temp: Amb+5 to 70°C
- Exterior cabinet epoxy powder coated/SS304, 10L, 15L, 20L,30L
- Insulation Fiber Glass wool

VERTICAL ROTATING MIXER



- LED displays time and speed
- DC brushless motor, stable performance
- Low noise and long using life
- 360°vertical circulation rotation operating smoothly and steadily
- Different tube holder frames for optional to suit for different kinds tubes

TRAY DRYER



- Temperature range 50°C to 200°C, 250°C and 300°C, Inner chamber Stainless steel Mild
- Exterior powder coated, Insulation Glass Wool
- Tray SS304/SS316, Door Insulated solid door with clamp Door gasket Synthetic rubber gasket, No., of Trays 6/12/24/48/96

CHEMILUMINESCENCE MAGER (MINI)



- Compact and powerful, Easy to use digital camera
- Cooled CCD Camera physical resolution 6 megapixels, 2750*2200 Pixel density and A/D 16 bit gray scale. 65536 dynamic range 24.6 outer diameter cooling temperature Below -60°C, -30°C

LAMINAR AIR FLOW HORIZONTAL & VERTICAL



- Interior: Stainless steel 304, Exterior: MS Powder Coated
- The microprocessor display the flow and down air velocities in real-time on an LCD display
- Two stage First Stage Pre-Filter - 10 microns (washable) & Second Stage HEPA filter (0.3 Microns)

MINI CENTRIFUGE



- Speed Range 300-5000RPM,
- Increment : 10rpm
- Driving Motor Brushless DC Motor
- Display LCD, Program Memory 2
- Safety Device Door interlock, Overspeed detector, automatic internal diagnosis
- Acceleration/Deceleration 1/2

MICRO CENTRIFUGE HIGH SPEED



- Max. Speed : 16000rpm
- Max. RCF : 19040xg
- Time Range : 0~99min59s
- Noise (dB) : ≤ 55
- Capacity : 0.2 ml to 5 ml and PCR Plate
- Speed Accuracy : ±20r/min
- Acceleration and deceleration 10 Kinds

MICRO CENTRIFUGE HIGH SPEED REFRIGERATED



- Max. Speed : 21000 rpm
- Max. RCF : 30910xg
- Rotor Capacity 0.2mL to 100 ml -20°C~40°C
- Run Time : 1-99h59min
- Safety Devices Door interlock, Overspeed detection
- Noise level : ≤58dB

MICRO - PLATE CENTRIFUGE



- Rotating speed : 2200~2800rpm
- Timing range : 15sec ~1min59sec
- Max(RCF) : 550g
- Acceleration time : ≤10sec (from 0 to 2800rpm)
- Brake time : ≤4sec (from 2800rpm to 0)
- Lid Open Auto Stop Yes
- Short run : Yes
- Capacity 2 PCR plates

MAGNETIC STIRRER



- Plate dimension 135mm (5 inch)
- Plate material Stainless steel cover with ceramic
- Motor Type Brushless DC Motor
- Heating power 500W
- Max. stirring quantity of single position (H₂O) 3L
- Max. magnetic bar 50mm
- Speed range 200-1500 rpm

MICROPLATE READER



- Work individually or via PC
- Windows system, Wifi function
- Equipped with 405nm, 450nm, 492nm, 630nm & 4 to 6 position to be installed
- Eight-channel optics for fast reading
- Reference channel for optimised light
- Intensity, Built-in thermal printer

MICROPLATE WASHER



- Large LCD display, menu designed for convenient use;
- Waste liquid overflow alarm function
- One-point, Two-point and Complete bottom wash
- Flat, V-bottom or U-bottom plate and strips
- Wash time : 0.1 ~ 9.9s,
- Wash cycle : 1-99 times

MULTI-TUBE VORTEXER



- Speed range 500 to 2500rpm
- Speed accuracy ± 50 rpm (@2500rpm detection)
- Timing range 1s-9999min
- Working diameter 4mm
- Interval Timing between Impulse 1-10s

MINI GEL - IMAGER (GEL DOCUMENTATION SYSTEM)



- View Size (mm): 160 (D)* 200 (W)
- Light Source: Blue/Green, White
- Camera: Canon M-series type
- Effective pixel: 24.2 Megapixels
- LCD Size: 7" TFT Color. Lens: 15mm ~45mm lens, F1.8, (W) F11.0(T).
- Shutter Speed(s) 1/4000~30second

MAGNETIC STIRRERS HOTPLATE



- High resolution LCD displays
- temperature sensor : PT1000
- Max. stirring quantity of H₂O at 5L
- Motor type : Brushless DC Motor
- Heating temperature range room temp. : +5°C to 380°C
- Temperature display accuracy : ±0.1°C
- Available for different Volume

ORBITAL SHAKER



- Speed Range : 50rpm~250rpm
- Shaking Orbit 30mm
- Time Range : 1min~99h59min, Max
- Loading Capacity : 2kgs
- Voltage AC 100~230V, 50/60Hz, Power 50W
- Fuse Protector : 250V, 1A, Ø5x20

STACKABLE INCUBATOR SHAKER



- Control interface : 7.0 inch LED touch screen
- Rotation speed : 2~1000rpm
- Temperature control range : 4~60°C
- Temperature display resolution : 0.1°C
- Timer : 0~999h.
- Number of tray : 2
- Maximum expansion Stackable up to 3 units

PH METER



- Up to 5 points auto-buffer-recognition
- PH Range : -2.00~ 16.00
- PH, Accuracy : ±0.2% F.S
- PH Resolution : 0.01 pH
- mV Range: -2000~2000mV
- Resolution : 1 mV 686

PCR WORK STATION WITH HEPA



- Construction SS / Powder coated MS / GI sheet/wooden
- Front door Manual sliding type (Acrylic transparent)
- Illumination Fluorescent or LED light
- Air filtration Pre-Filter - 10 microns (washable)
- HEPA filter (0.3 Microns)

PLANT GROWTH CHAMBER



- External Epoxy powder coated PCRC sheets
- Internal High grade SS 304 stainless steel
- Temperature range : 5°C to 60°C
- Illumination : 2000-3000 lux
- Humidity Creation Through sophisticated steam injection process

PROBE SONICATOR



- LCD big touch display new type centralized controlled by microprocessor, Step less regulation of the ultrasonic power
- Frequency : 19.5-20.5 KHz
- Display 7 inch TFT touch screen
- Adjustable Power range (1%-99%)
- Available with power 650W/900W/1200W & 1800W

ROTARY EVAPORATOR



- 5L heating bath with wide temperature range from room temp. to 180°C.
- Overheating protection temperature at 220°C
Speed range: 20-280rpm
- Temperature range: Ambient - 180°C
- Heat control accuracy: $\pm 1^{\circ}\text{C}$,
- Timer range: 1-99 mins
Reversible motor: Yes

ROCKING SHAKER



- Speed Range 5~80rpm Swing
- Cycloid 25mm (up and down) / 10"
- Time Range 1min~99h59min
- Max. Load 5.0kgs
- Platform Dimension L.280 x W.228mm
- Voltage AC 100~230V, 50/60 Hz
- Power 50W
- Fuse 250V, 1A, Ø5x20

ROTATING MIXER 3D



- Speed Range : 10rpm ~40rpm (Adjustable)
- Reciprocating, Swing, Angle
- Range : 20°~99° (Adjustable)
- Time Range : 15~999min/Continuously
- Voltage : AC 100~230V, 50/60Hz, Power 4W, Fuse 250V, 1A, Ø5x20
- Dimension (WxDxH) : W.240xD.145 x H.210mm

CENTRIFUGE TUBES



- 15ml & 50ml
- Sterile & Non sterile
- Screw-on plugged or flat caps
- Polypropylene, polystyrene

PCR TUBES & STRIPS



- RNase-Free, DNase-Free
- Autoclavable
- Polypropylene

UVP COME SOLO



- GelCam 315, 5.0 MP, with 8-48 mm, f/1.2 manual zoom lens
- There choice of filter as per customer requirement
- 11.6" large articulating touch screen USB ports 3-position emission filter tray Wide front door with UV safety

SPEED MILL PLUS



- Entire and reproducible homogenizing of up to 20 samples
- Efficient sample cooling during the whole preparation without need for cost-intensive consumables
- Flexible homogenizing system for various starting materials

UVP CHEMI DOC



- Having CMOS camera of lens 25 mm f/0.95 with at least resolution of 9.0 megapixels A 9.0 megapixel Chemin MOS camera (latest generation Scientific-CMOS)
UV Transilluminator with 16.8 X 21cm illumination size
- Three (3) slot automated emission filter-tray with pre-installed broad band filter

ANIMAL IMAGING SYSTEM



- Two high performance cooled camera options
- Illumination sources - overhead laser bars in RGBW, NIR, and violet (405nm).
- Motorized lift for ample magnification range.
- Included warming plate or UV transilluminator. Vision Works software for one-click workflows

REALTIME PCR



- qTOWER iris Series
- 96 well/384 well
- Reaction volume 5 - 100
- Available Extended wavelength range from UVA to NIR due to innovative LED light source

UVP CROSS LINKER



- UV induced mutations
- Membrane crosslinking
- Biomolecular crosslinking
- Energy: 0000.1-9999.9mJ/cm² (0-10J/cm²)

CyBio SELMA



- Your Personal Assistant - Inspiring
- Technology Making Pipetting so Much
- Easier Intuitive operation without the need for programming
- Compact design which fits on any lab bench as well as into most of the laminar flow hoods
- Comfortable and error free transfer of 96 or 384 samples in a single step

PCR WORK STATION



- Microprocessor based controller
- Work top: stainless steel
- Available with HEPA and with out HEPA as per Customer Choice.
- 254 nm UV irradiation to achieve efficient decontamination.

CyBio FELIX-LIQUID HANDLING



- Volume range 1 μ L-1000 μ L
- Plate formats 24, 96, 384, 1536
- Tubes 0.2 mL -5.0 mL
- 2D & 3D visualization of your deck layout
- Pipetting channels 1-384



GeNeiTM
Since 1989



GeNei Laboratories Pvt Ltd

#6, 6th Main, BDA Industrial Suburb,
Near SRS Road, Peenya, Bengaluru-560058

techsupport@geneilabs.com
+91-08028396894 | +91-08028391453

www.geneilabs.com