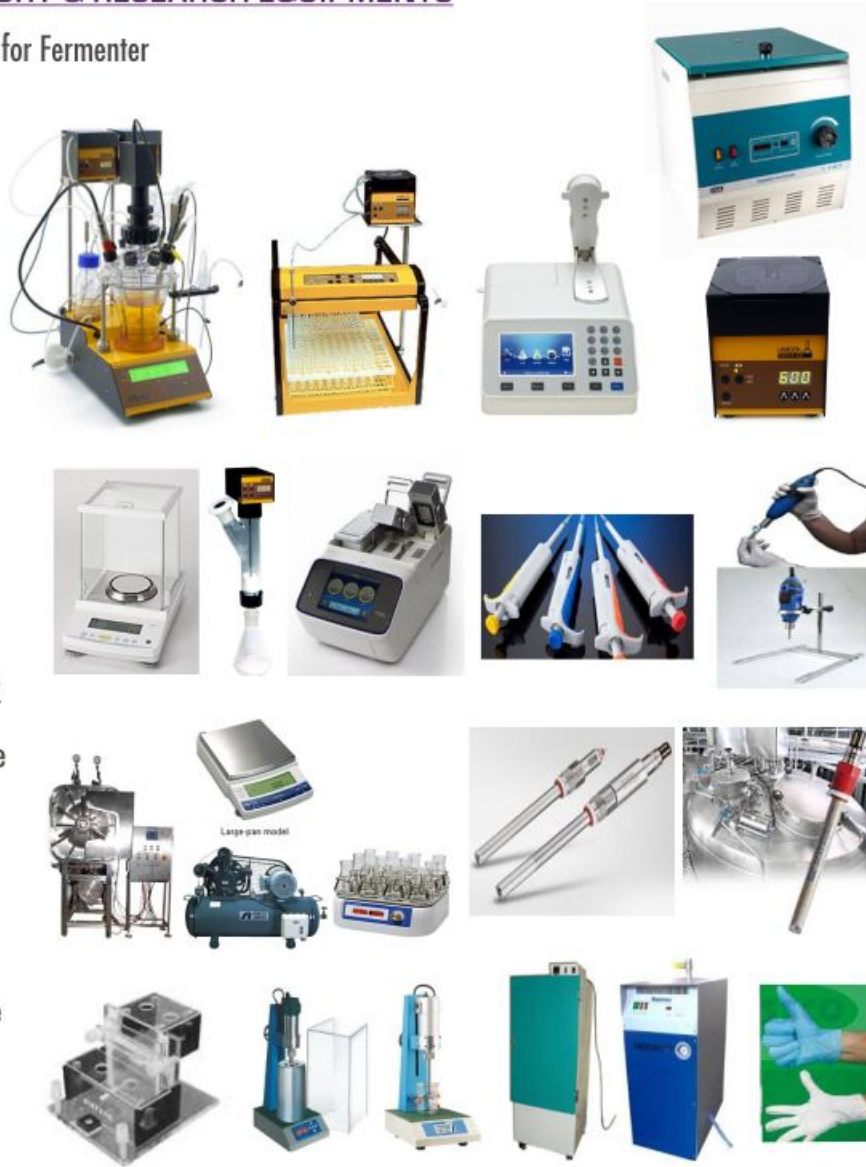


## OTHER LABORATORY & RESEARCH EQUIPMENTS

- pH Probe & DO probe for Fermenter
- BOD Incubator
- CO2 Incubator
- Vertical Autoclave
- Water Bath
- Shakers
- Incubated Shakers
- Refrigerated Shakers
- Homogenizer,
- Ultra Sonicator
- Chiller 0.5 TR to 10 TR
- Air compressor Oil free
- Steam Generator
- PCR Machine
- Gel electrophoresis
- Gloves – Latex, Nitrile
- Exhaust gas analyzer
- Gas Mixing Station



Launched in 2009, CLK Biotechk has delivered technology consulting and product procurement for several notable clients and we are expanding our domain rapidly.

We Provide customized innovative technology and service solutions towards the growing biotech needs of Pharmaceutical, R&D, Diagnostic labs, Aqua Culture of our region. We are client centric high quality solution providers.



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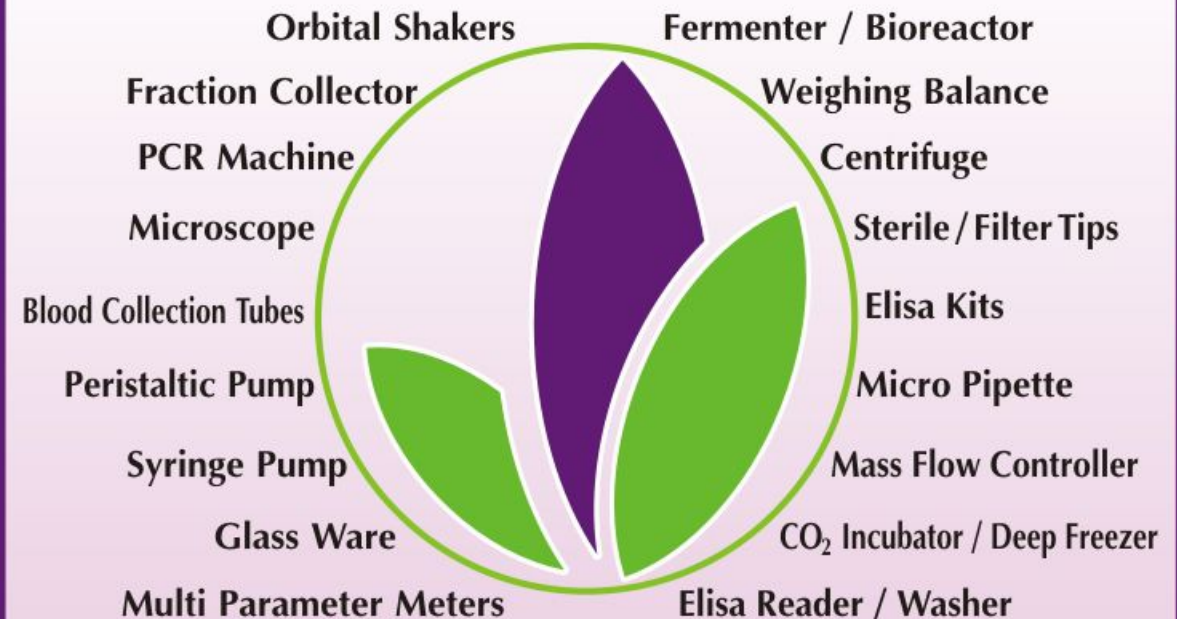
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**RESEARCH EQUIPMENTS & BIO SERVICES**

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## PRODUCTS PROFILE



★ BIOPROCESS EQUIPMENTS ★ PILOT SCALE FERMENTER ★ PRODUCTION FERMENTER



## Fermenter / Bioreactor



◀ Lab Scale - 1 Ltr. to 19 Ltrs. Total Volume  
 Pilot Scale - 20 Ltr. to 200 Ltrs. Total Volume  
 Production Scale - 500 Ltrs. to Customs Built  
 In Glass (Autoclavable & In Situ),  
 In Stainless Steel (SS) (Autoclavable & In Situ)  
 Imported & Indigenous Make.

## Centrifuge



◀ Blood Bank Refrigerated Centrifuge  
 Labspin Centrifuge, Microspin Centrifuge  
 Refrigerated Microspin Centrifuge  
 Multispin Centrifuge, Low speed Research Centrifuge  
 High speed Research Centrifuge  
 Refrigerated Centrifuge, High Volume Centrifuge  
 Refrigerated High speed Research Centrifuge  
 Oil testing Centrifuge, Medico Centrifuge  
 Clinical Centrifuge, Pathological Centrifuge

## Elisa Kits



◀ Antibiotic & Pesticide residue Elisa testing kit  
 Food and Feed testing kits  
 Veterinary drugs assay  
 Microbiology Hygiene, Toxins and  
 Industrial contaminants  
 Dairy Elisa testing kit  
 DNA, RNA and Protein Extraction kits

## Mass Flow Controller



◀ Precise Gas Flow measurement  
 pH Control in Cell culture, Gas Addition  
 CO<sub>2</sub>, O<sub>2</sub> and Air Flow control with  
 programming Gas Volume Totalizer,  
 Zero Setting

## Elisa Reader / Washer



◀ Reader - 8/12 Channel, Built in Printer  
 Wavelength 400 to 750 (Optional Filter available)  
 Any format plate, Light Source Halogen - Tungsten Lamp  
 ◀ Washer - Head 8/12 Channel  
 Apply to 48/96 Wells, Liquid Crystal Display  
 Low noise in working mode

## Weighing Balance



TW223L, TW323L, TW423L  
TW523L, TW623L

◀ Pharmaceutical Industry  
 Food Industry  
 Chemical Industry  
 Electronic & Semiconductor Industry  
 Jewelry market  
 Veterinary – Animal weighing  
 Moisture Balance New images

## Sterile / Filter Tips



◀ Tips produced from high quality finish moulds.  
 Virgin medical grade polypropylene Produced  
 in Automatic human touch free clean facility.  
 Free from R Nase, DNase, Human DNA,  
 Pyrogen and PCR Inhibitors.  
 Filter Tips PE contains aerosols, contaminations  
 with free from chemical & heavy metals.  
 Preloaded sterile Racks & Reloadable stacks

## Micro Pipette



◀ Single / Multi Channel  
 Autoclavable  
 Volume Range 0.1µl to 10,000µl  
 8 & 12 channel

## CO<sub>2</sub> Incubator / Deep Freezer



◀ **CO<sub>2</sub> INCUBATOR**  
 50 Ltrs & 150 Ltrs Capacity  
 With CO<sub>2</sub> sensor - IR Standard  
 Optional TC is also available.  
 Micro controller based  
 temperature control  
 SS inner chamber UV - Light Sterilization  
 ◀ **DEEP FREEZER**  
 Capacity -20, -40 & -86  
 Micro Process Control  
 HMI, Alarm for Temp./Power Failure

## Orbital Shakers



◀ Water bath / Incubated  
 Speed 20 - 200 / 40 -400 rpm  
 300 x 400 / 600 x 600 / 900 x 900 mm  
 Table Top / Floor Standing  
 Both Orbital & Reciprocating Motion  
 Speed Accuracy ± 1 rpm  
 Universal Platform holds standard clamps  
 MS with powder coated finish  
 Incubate temperature 5°C to 60°C / 5°C to 80°C

## Microscope



◀ Trinocular Research Microscope  
 Trinocular Medical Microscope  
 Binocular Biological Microscope  
 Trinocular LED Fluorescence Microscope  
 Trinocular Inverted Microscope  
 Trinocular Inverted Fluorescence

## Blood Collection Tubes



◀ Vaccum & Non Vaccum Tubes  
 EDTA K3, EDTA K2  
 Clot Activator, Sodium Fluoride  
 Sodium Citrate  
 ESR Tube Sodium Citrate  
 Lithium Heparin  
 Plain Tube

## Syringe Pump



◀ VIT-FIT (HP) Syringe Pump  
 Both direct Infusion / Filling  
 Research Application only  
 Few Microlitre to 150 ml  
 With Swiss made Ball screws  
 1-99 cycles / Endlessly  
 Pulsation free operation

## Multi Parameter Meters



◀ pH / ORP / Ion meters  
 Conductivity / TDS / Salinity / Resistivity meter  
 Dissolved Oxygen meters  
 Multiparameter water Quality meters  
 Polarimeter  
 Laboratory Electrodes

## Fraction Collector



◀ Collect Fraction Time (0.1 to 999.9 min)  
 (0.05 - 500 ml / 0.1 to 30 Ltrs.)  
 Solvent Resistant  
 Tubes easily accessible from all side  
 RS 232 interface  
 Collects in Line / Zig Zia (Meander Like)

## PCR Machine



◀ RT - PCR / PCR / Digital PCR  
 Robust & Reliable Thermal Cycler  
 Block Format 96, 384, 12, 228

## Peristaltic Pump



◀ Preci Flow / Multi Flow / Hi Flow / Max Flow  
 Preci Flow - 0 - 600 ml  
 Multi Flow - 0 - 600 ml with programming  
 Hi Flow - 0 - 3000 ml  
 Max Flow - 0 - 10000 ml  
 Digital Speed Setting, Programmable, RS 232 / 485  
 Optional Software Control

## Glass Ware



◀ Beakers  
 Bottles  
 Burettes  
 Condensers  
 Cylinders  
 Dishes  
 Desicators  
 Water Distillations Units  
 Extractors  
 Filtration Assembly  
 Flasks  
 Volumetric Flasks  
 Funnels  
 Gas Generators-Kipps Apparatus  
 Pipettes  
 Stoppers/Tubes