



## JKG BIO SCIENCE PVT. LTD.

6D MIG DDA Flats, Shivam Enclave, Delhi 110032, Tele/Fax: 91-11-43043126, Mobile: 00-91-9810659284  
[info@jkgbioscience.com](mailto:info@jkgbioscience.com) / [sharmasarvesh@hotmail.com](mailto:sharmasarvesh@hotmail.com), [www.jkgbioscience.com](http://www.jkgbioscience.com)

### CU-36L5 TISSUE CULTURE CHAMBER

### E-30LED REACH IN PLANT GROWTH



These chambers have been designed specially for plant cell culture. Its unique design of air diffuser with slow vertical airflow, fixed lamp-bank and slide-shelves helps to eliminate consideration on Petri dish lids.

These chambers products are frequently used for research application such as lighting for vascular plants to facilitate standard plant production, gene expression, morphology, photosynthetic responses to light quality.



**REACH IN PLANT GROWTH CHAMBER**  
**ARABIDOPSIS GROWTH CHAMBER**  
**SEED GERMINATION CHAMBER**  
**LOW TEMPERATURE CHAMBER**  
**SPECIAL LIGHTING**

### MX 305 REFRIGERATED CENTRIFUGE

### SUPREMA 25



<b>Maximum Speed</b>	16,000rpm
<b>Maximum RCF</b>	20,880 x g    21,130 x g
<b>Maximum Capacity</b>	72x 1.5/ 2.2ml x 8 tubes 50ml x 4 tubes
<b>Motor Type</b>	Brushless Induction
<b>Refrigerant</b>	HFC-134a
<b>Data Entry</b>	Common Jog Dial for digital settings
<b>Speed Control</b>	Frequency Controlled
<b>Special Features</b>	Speed and RCF alternative display Flash (momentary) spins

<b>Maximum Speed:</b>	25,000rpm
<b>Maximum RCF:</b>	60,110G (NA-6, NA-7)
<b>Maximum Capacity :</b>	1,000ml x 6 tubes
<b>Speed Control:</b>	Microprocessor
<b>Motor:</b>	Induction Motor
<b>Drive System:</b>	Direct Drive
<b>Data Entry:</b>	Jog Dial



**MICRO ONE MINI CENTRIFUGE**  
**FLEXPIN CENTRIFUGE**  
**MINI VACUUM CENTRIFUGAL EVAPORATOR**

### FLUORPEN

### FLUOROMETER



#### MEASURED PARAMETERS:

- $F_T$  - Continuous fluorescence yield in non-actinic light.
- QY - Photosystem II Quantum Yield.
- NPQ - Non-Photochemical Quenching
- OJIP - Chlorophyll Fluorescence Induction Kinetics
- Light Curve - Adaption of quantum yield to several different light levels



#### FL 3500 Fast and Standard

For assessment of flash **fluorescence induction**.  
**PAM** and **OJIP** in **liquid samples and small leaves**  
**Measures with time resolution down to 1  $\mu$ s**  
Far-red light for preferential Photosystem 1 excitation

**N-PEN N 100**  
**SPECTRAPEN SP-100**  
**MULTISPECTRAL KINETIC FLUORESCENCE IMAGING**  
**THERMOLUMINESCENCE SYSTEM TL 200/PMT**

### BIO SHAKER MBR-022UP

### OD-MONITOR



**TEMP.RANGE:** + 15 ° -60 ° c (at room temp, +25° C)  
**COOLING METHOD:** Peltier device  
**SHAKING:** Orbital  
**SPEED:** 300- 2500r/min.



**OD-MONITOR** is the product developed by the Industry-University cooperation with NAGOYA University

**CUSTOM BIO REACTOR SHAKER ,ELECTRIC CULTURE SYSTEM,INSTRUMENTS**

### BIOLOGICAL SAFETY CABINET

### FUME HOOD



**Supply HEPA/ULPA**  
**Typical Efficiency ULPA :** > 99.999% for particle size between 0.1 to 0.3 microns  
**HEPA :** > 99.99% at 0.3 microns  
**Exhaust HEPA Filter**  
**Typical Efficiency >** 99.99% at 0.3 microns



**External Frame** Epoxy powder coated aluminum  
**Internal Plate** Phenolic laminate  
**Work top** Calamite  
**Window** Tempered safety glass  
**Air foil** Ergonomic air foil  
**Receptacle** 220V/110V(Selectable)

**LABORATORY FURNITURE SYSTEM, HORIZONTAL/VERTICAL LAMINAR FLOW CABINET ,  
DUCTLESS STORAGE CABINET,SAFETY TRIMING WORK STATION**