

ANALYTICAL INSTRUMENTS

UV-Vis Spectrophotometer

The Metertech SP-8001 UV/Visible Spectrophotometer is an accurate, reliable, and cost effective instrument designed for quality control, research, and teaching requirements. The system is designed with a narrow and focused beam to provide excellent linearity, and small variance with small samples in semi microcells. With ongoing improvement and upgrades by Metertech the SP-8001, has become a reliable, versatile and easy to use instrument designed to meet the requirements of research institutes, educational needs, and manufacture facilities to perform routine analysis.

| Catalog No. | Description | Qty./Pack | Price (Rs.) |
|--------------------|---|-----------|-------------|
| SP-8001 | UV-V Spectrophotometer with single cell holder | Each | 3,75,500.00 |
| SP-8001-6C | UV-V Spectrophotometer with automatic 6 cell holder | Each | 3,75,500.00 |
| SP-8001-WT | UV-V Spectrophotometer with water circulation temperature control unit for single cell holder | Each | 5,02,740.00 |
| SP-8001-ET | UV-V Spectrophotometer with electronic type temperature control unit for single cell holder | Each | 4,66,830.00 |
| Accessories | | | |
| M8001-001 | Deuterium lamp | Each | 62,845.00 |
| M8001-002 | Halogen lamp | Each | 1,440.00 |
| M8001-100 | 6-cell holder | Each | 62,845.00 |
| M8001-300 | Flow-cell | Each | 80,800.00 |
| M8001-301 | Sipper unit | Each | 53,865.00 |
| M8001-400 | Water circulation temperature control unit for single cell holder 10mm light path | Each | 1,29,275.00 |
| M8001-401 | Electronic type temperature control unit for single cell holder | Each | 71,820.00 |
| M8001-500 | Single cell holder(round or square cuvette) | Each | 7,185.00 |
| M8001-600 | Sample compartment versatile(10-100mm pathlength cuvette) | Each | 62,845.00 |
| P0000003 | Thermal printer 220V (DPU-414) | Each | 66,435.00 |

Visible Spectrophotometer

The SP-800 series single beam visible spectrophotometers are an affordable, easy-to-use, and reliable general purpose instrument designed for laboratories and educational needs. The SP-800 series visible beam spectrophotometer comes with 2 models. The SP-830+ standalone model measures the traditional absorbance, transmittance and concentration. And the PC enabled SP-880 with enhance measurement features such as spectrum scan, time scan, kinetic, and quantitative. Both models also come with a versatile sample compartment to hold cuvettes and tubes of all sizes.

| Catalog No. | Description | Qty./Pack | Price (Rs.) |
|-------------|--|-----------|-------------|
| SP-830+ | Visible Spectrophotometer main unit, 320-1100nm | Each | 1,05,000.00 |
| SP-880 | Visible Spectrophotometer with PC-Mate main unit, 330-1100nm | Each | 1,69,500.00 |

Accessories

| | | | |
|-----------|------------------------|---------|----------|
| A00003 | Glass round tube | 6 Pcs | 1,080.00 |
| 960870100 | Lamp | 2 Pcs | 3,590.00 |
| A00001-1 | Plastic square cuvette | 100 Pcs | 4,490.00 |

Microplate Reader

Using high quality optical components the M965 series Microplate reader can perform ELISAs / EIAs, enzymatic activity, bacterial growth studies, and fast kinetic assays with end point, two point, and kinetic measurement method. It includes a built-in incubator and, shaker for measurements. The M965 series can be used in both standalone and PC control mode.

| Catalog No. | Description | Qty./Pack | Price (Rs.) |
|-------------|------------------------------|-----------|-------------|
| M965 | Microplate Reader 400 ~900nm | Each | 3,75,500.00 |
| M965+ | Microplate Reader 340 ~900nm | Each | 4,67,500.00 |



UV-Visible Spectrophotometer

| | |
|---------------------------|---|
| Model Number | SP-8001 |
| Optical Design | Split Beam (internal double beam design) |
| Light Source | Deuterium and Halogen lamp, auto switching at 320-360nm |
| Detector | Silicon photodiode |
| Wavelength Range | 190-1100nm |
| Bandwidth | < 2 nm |
| Wavelength Accuracy | ±0.5 nm |
| Wavelength Repeatability | ±0.2 nm |
| Photometric range | -0.300-4.500Abs |
| Measurement range | Absorbance Transmittance (%T) Concentration |
| Photometric accuracy | ±0.005Abs at 1.000Abs |
| Baseline flatness | ±0.001Abs (210-1000nm) |
| Noise level | 0.0015Abs (500nm) |
| Stability | <0.0003Abs/hr at 500nm after 1hr warm-up |
| Stray Light | <0.05% at 340 and 220 nm by NIST SRM2031 |
| Wavelength scanning speed | 100-5000 nm/min (user programmable) |
| Display | 6 Inch LCD display with back light |
| Interface | RS232 and parallel port |
| PC software | PC-UV-mate software |
| Power | 100-240V at 50/60Hz |
| Dimension | 506(W) x 430(D) x 220(H) mm |
| Weight | 18Kg |



Visible Spectrophotometer



Microplate Reader

| | |
|--------------------------------|--|
| Model Number | M965 / 965 + |
| Wavelength range | M965: 400-900nm, M965+ :340-900nm |
| Optical system | 8 channels, 1 reference channel |
| Filters | 8 |
| Well type | 96 |
| Measurement range | 0.000-4.000 Abs |
| Measurement time/Reading Speed | <5 second |
| Measurement modes | End point, Two Point, Kinetics |
| Accuracy | ±0.005 Abs or 2% |
| Linearity | ±1% from 0.000 to 3.000 Abs |
| Precision | <0.2% CV from 0.000 to 2.000 Abs, <0.5% CV from 2.000 to 3.000 Abs |
| Resolution | 0.001 Abs |
| Data storage | Parameter 100 sets, Data 50 sets, calibration 20 sets |
| Interface | RS232 or USB |
| Incubator | +3 ~50°C +/- 0.5 |
| Shaking | 8Hz, 11Hz, and 14Hz |
| Dimension | 355(W) x 345(D) x 174(H) mm |
| Weight | 14 Kg |



Colorimeter



Specifications
 Power: Universal 12V DC input 4 cord sets:
 Low voltage,
 double insulated power adapter
 Weight: 1.85 kg (4.08 lb)
 Certifications: CE, SGS, RoHS2, WEEE
 Operating Temp: Range 2°C to 40°C
 Max. Relative Humidity: Non-condensing, 80%
 for temperatures up to 31°C
 decreasing linearly to 50% R.H. at 40°C

| Catalog No. | Description | Qty./Pack | Price (Rs.) |
|--------------------|--------------------------------|-----------|-------------|
| Accessories | | | |
| M965-201 | Tungsten halogen lamp(12V-20W) | Each | 1,795.00 |
| M965-204 | Dust cover | Each | 2,695.00 |
| M965-205 | RS232 cable | Each | 2,695.00 |
| M965-206 | USB cable | Each | 2,695.00 |
| M965-207 | Plastic Microplate | 5 Pcs | 1,795.00 |
| M965-301 | Filter cassette 405nm | Each | 14,365.00 |
| M965-302 | Filter cassette 450nm | Each | 14,365.00 |
| M965-303 | Filter cassette 490nm | Each | 14,365.00 |
| M965-304 | Filter cassette 550nm | Each | 14,365.00 |
| M965-305 | Filter cassette 600nm | Each | 14,365.00 |
| M965-306 | Filter cassette 650nm | Each | 14,365.00 |
| M965-307 | Filter cassette 570nm | Each | 35,910.00 |

Colorimeter

The M6+ is a versatile, portable and cost effective instrument designed to perform waste water, drinking water, environmental, food, and ELISA testing. With a large LCD and 2 button controls, the instrument can operate with just minimal training. The M6+ can accommodate a wide variety of tests with 2 of its major optical designs. The first is an interchangeable filter design which can detect from 400~750nm. The second is a patented optic compartment which allows users to perform different type of experiments by using round tubes, square cuvette, and microstrips.

| Catalog No. | Description | Qty./Pack | Price (Rs.) |
|--------------------|---------------------------------------|-----------|-------------|
| M6+ | Mini Photometer main unit, 400-750nm | Each | 71,820.00 |
| Accessories | | | |
| M006-003 | Round cuvette holder (12 in diameter) | Each | 3,590.00 |
| M006-004 | Square cuvette holder (10×10mm) | Each | 3,590.00 |
| M006-010 | Power adapter 220V | Each | 2,695.00 |
| M006-014 | 3A X 6 Battery pack box | Each | 1,795.50 |
| M006-405 | Filter cassette 405nm | Each | 10,775.00 |
| M006-450 | Filter cassette 450nm | Each | 10,775.00 |
| M006-490 | Filter cassette 490nm | Each | 10,775.00 |
| M006-550 | Filter cassette 550nm | Each | 10,775.00 |
| M006-600 | Filter cassette 600nm | Each | 10,775.00 |
| M006-650 | Filter cassette 650nm | Each | 10,775.00 |
| P0000003 | Thermal printer 220V (DPU-414) | Each | 66,435.00 |

MAGFUGE® CENTRIFUGE AND MAGNETIC STIRRER

The MagFuge® is the industry's first high-speed centrifuge and magnetic stirrer, combined into one unit. This design innovation enables a substantial cost savings for labs by not having to purchase two pieces of equipment, a stirrer and a centrifuge, because the MagFuge® does it all.

- + Save money by only having to purchase one unit that has the functionality of both a high performance centrifuge and magnetic stirrer
- + Easy to use with a digital display, one button programming and tool free rotor exchange
- + Stay focused in the lab with ultra-quiet operation
- + Reduce down-time with a reliable unit you can trust with 3-year warranty

| Catalog No. | Description | Qty. | Price (Rs.) |
|-------------|--|------|-------------|
| HS120581 | Magfuge, Grey & Purple, Size: 23.5 x 18.5 x12 cm | Each | 1,20,660.00 |
| HS120582 | Magfuge, Grey & Blue, Size: 23.5 x 18.5 x12 cm | Each | 1,20,660.00 |