



Serving Science Since 1946



Analytical Product Spectrum



Serving Science Since 1946

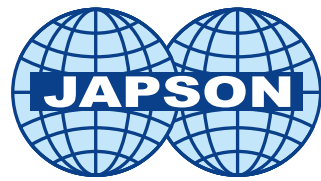
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" Innovation is a key for turning ideas into reality "



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Company Profile

JAPSON is a company established in 1946 and dedicated to field of Scientific, Laboratory, School, Education, Dairy, Hospital and Analytical Equipments. It was one of the first company to start catering Schools, Colleges, Universities and Research Laboratories in local markets of India and then to institutions in Pakistan, Ceylon and Burma. Subsequently in seventies JAPSON made forays in the South-East Asian markets of Singapore, Malaysia and Thailand. After early Eighties the customer base spread all across the globe and Jambu Pershad and Sons was awarded International Contracts in Philippines, Oman, Uganda, Sudan, Ethiopia, Kuwait, Yemen, Jordan, Kenya, Iraq (UN Oil for Food program), Zambia, Ghana, Sri Lanka and Carribean. All the contracts have been successfully executed and completed to full satisfaction of respective Ministries of Education, United Nation bodies, World Banks projects and Asian Development Bank. Other than global contracts JAPSON has a wide dealer network in all parts of globe including Major parts of Africa, Asia, Middle-East, Europe and Caribbean resulting in healthy understanding of each market. JAPSON also act as OEM manufacturers for various European suppliers.

Since Nineties JAPSON with its growing team of Engineers, Science graduates and Diploma Holders have forayed into the field of Analytical and Research Equipments. We at JAPSON work towards understanding the End customer needs and providing the complete solution for University, Industry, Research and Analytical Laboratories. JAPSON through its manufacturing facilities, Sister-concerns and tie-ups with reputed suppliers offer quality products that ensure precision working and accurate results.

This booklet is an aim at presenting our most popular products in the domain of Analytical Equipments. Our range is very wide and we air to provide complete solutions within our capabilities.

Lastly we would like to request you to contact us for our other product ranges in the domain of Scientific, Laboratory, School, Education, Dairy, Hospital and Analytical Equipments like Glassware, Plastic-ware, Teaching Models, Electronics and Electrical Laboratory Equipment, Optical Equipments, Testing and Calibration Instruments, Mathematics Equipment and Sports goods.



Japson D&B Certificate



ISO 9001-2008 Certificate

Certifications & Awards



Gold Medal From Transworld Trade Fair In Indonesia



Best Exporter Award Trophy From Haryana Govt. For The Year 1987,88,89 And 1990

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Student & Medical Microscopes

- Dissecting Microscope, Superior
- Dissecting Microscope, Economy
- Dissecting Microscope, Entomological (Bull lens)
- Travelling Microscope
- Student School Microscope, Primary School (Pentax type)
- Student Microscope, Economy
- Student Microscope, Regular
- Student Microscope, Superior
- Student Microscope, Inclined Tube
- Medical Microscope for Secondary School
- Medical Microscope for Secondary School with Inclined Tube



MICROSCOPES



University & Research Microscopes

- Monocular Research Microscope, Basic
- Monocular Research Microscope, Coaxial Focussing 45°
- Binocular Research Microscope, Basic
- Binocular Research Microscope, Coaxial Focussing 45°
- Binocular Research Microscope, Coaxial Focussing 30°
- Trinocular Research Microscope, Basic
- Trinocular Research Microscope, Coaxial Focussing 45°
- Trinocular Research Microscope, Coaxial Focussing 30°
- Superior Research Microscope (Plan Objectives)
- Superior Research Microscope (Infinity Plan Objectives)



Projection & Digital Microscopes

Student Projection Microscope (Doom Type)

Junior Projection Microscope (Wall Screen)

Senior Projection Microscope

Senior Projection Microscope with Binocular/Trinocular Head

Projection Microscope with LCD Screen

Digital Microscope with Binocular Head and LCD Screen, 45°

Digital Microscope with Binocular Head and LCD Screen, 30°

Digital Microscope with Binocular Head & in-built Computing System

Stereo Microscopes

Student Stereo Microscope, Basic

Student Stereo Microscope, with Extension Pillar

Student Stereo Microscope, with Attachable Base and Mirror Illumination

Inclined Stereo Microscope, Basic

Inclined Stereo Microscope, with Extension Pillar

Inclined Stereo Microscope, with Attachable Base and Mirror Illumination

Inclined Stereo Microscope, with Electric Illumination

Research Stereo Microscope, with Turret Mount

Research Stereo Microscope, with Turret Mount and Dual Illumination

Research Microscope, with Universal Stand, Turret Mount



Stereo Zoom Microscope

Stereo Zoom Microscope, 45 degrees (1:4)

Stereo Zoom Microscope 30 degrees with LED (1:4)

Stereo Zoom Microscope, 30 degrees with LED (0.7:4.5)

Stereo Zoom Microscope 30 degrees with LED and Big Base (0.8:5)

Stereo Zoom Microscope with LCD (0.65:5.5)



Polarising Microscope

Student Polarising Microscope

Series Polarising Microscope

Multiviewing Microscope

Dual Viewing Microscope

Penta Head Multi Viewing Microscope

Penta Head Multi Viewing Microscope, Research

ENT Model

Zoom Operating Microscope, ENT (Floor Model)

Zoom Operating Microscope, Eye (Floor Model)

Slit Lamp Microscope



Metallurgical Microscope

- Laboratory Metallurgical Microscope
- Metallurgical Microscope Monocular/Binocular
- Binocular Metallurgical Microscope with Coaxial Focussing
- Industrial Inspection Microscope – Metallurgical
- Inverted Metallurgical Microscope

Tissue Culture Microscope

- Tool Maker Microscope
- Tissue Culture Microscope Binocular/Trinocular
- Inverted Tissue Culture Microscope
- Inverted Tissue Culture Microscope, Superior



Comparison Microscope

- High Precision Comparison Microscope
- Forensic Comparison Microscopes

Fluorescent Microscope

- Fluorescent Microscope, Malaria Detection
- Fluorescent Microscope, Research
- Inverted Fluorescent Microscope
- Fluorescent Microscope, Advanced Research

Inverted Biological Microscope Professional Gem Microscope

Digital Precision Balance

Capacity	Accuracy	Pan Size
200 g	0.001 g (1mg)	90
200 g	0.001 g (1mg)	90
360 g	0.001 g (1mg)	128×128
600 g	0.001 g (1mg)	128×128
750 g	0.001 g (1mg)	128×128
1000 g	0.001 g (1mg)	128×128

Also available in External & Internal Calibration.



Digital Moisture Analyzer Balance

Capacity	Accuracy	Pan Size(mm)
50 g	0.0001 g (0.1 mg)	90
50 g	0.001 g (1mg)	90
110 g	0.001 g (1mg)	90
210 g	0.001 g (1mg)	90

Also available in External & Internal Calibration.

High precision Analytical Balance

Capacity	Accuracy	Pan Size(mm)
60 g / 220 g	0.01 / 0.1 mg	85
220 g	0.0001 g (0.1 mg)	90
220 g	0.0001 g (0.1 mg)	85
220 g	0.0001 g (0.1 mg)	80
310 g	0.0001 g (0.1 mg)	85

Also available in External & Internal Calibration.





Digital Electronic Weighing Balance

Capacity	Accuracy	Pan Size (mm)
5/10kg	1g	-
600g	0.1g	-
300g	0.01g	90
600g	0.01g	90
1000g	0.01g	90

Also available in External & Internal Calibration.

Digital Micro Balance

Capacity	Accuracy
5g	1 µg (0.001 mg)
11g	1 µg (0.001 mg)
21g	1 µg (0.001 mg)
31g	1 µg (0.001 mg)

Also available in External & Internal Calibration.



Platform Scale

Capacity	Accuracy	Pan Size (mm)
30 kg	2 g	300x400
60 kg	5 g	400x500
150 kg	10 g	500x600
300 kg	20 g	600x600
600 kg	50 g	750x750
1000 kg	50 g	1000x1000
2000 kg	100 g	1000x1000



Centrifuge

Model	Speed
Doctor Centrifuge Machine Digital	3000 r.p.m.
Centrifuge Machine Digital	5200 r.p.m.
Micro Centrifuge, Digital	13000 r.p.m.
Haematocrite Centrifuge, Digital	13000 r.p.m.
Centrifuge High Speed (Brushless Motors, Microprocessor based)	20000 r.p.m.



CENTRIFUGE



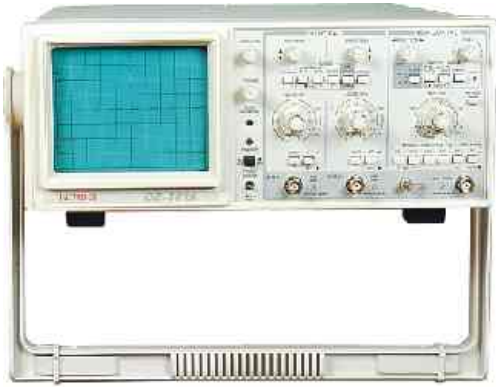
Centrifuge

Model	Speed
Refrigerated Centrifuge Machine Medium Speed	7000 r.p.m.
Refrigerated Micro Centrifuge, Digital	13000 r.p.m.
High Speed Refrigerated Centrifuge Universal (Brushless Motor)	16000 r.p.m.

Centrifuge

Model	Speed
Bench Top Lab. Centrifuge (Brushless Motor)	5000 r.p.m.
Table Top Centrifuge Machine High Speed	20000 r.p.m.





CRO

Model	Frequency
Single Trace	10MHz
Dual Channel, 2 Trace	20MHz
Dual Channel, 2 Trace	30MHz
Dual Channel, 2 Trace	60MHz
Dual Channel, 2 Trace with Component Tester	30MHz

Function Generator

Model	Frequency
Audio Frequency Function Generator	1Hz to 100KHz
Audio Frequency Function Generator	1Hz to 200KHz
Function Generator	0.1Hz to 1MHz
Function Generator, with digital read out	0.1Hz to 1MHz
Function Generator	0.2Hz to 2MHz
Function Generator	0.3Hz to 3MHz
Function Generator	1Hz to 10MHz
Function Generator	2Hz to 20MHz



Logic Gates Trainer Kit

to study basic logic functions as the building blocks of digital electronics 9-12volts AC-DC power supply, Basic logic functions AND, OR, NOT, NAND, NOR, EX-OR gates

Single Channel Continuously Variable DC Regulated Power Supplies

With Two Analog Meters	Voltage/Current
	0 to $\pm 15V/1$ Amp
	0 to $\pm 15V/2$ Amp
	0 to $\pm 30V/1$ Amp
	0 to $\pm 30V/2$ Amp
	0 to $\pm 30V/3$ Amp
	0 to $\pm 30V/5$ Amp

Also available in dual channel with four analog meters.



DC Regulated Power Supplies

DC Regulated Power Supplies	Voltage/Current
	$\pm 5V/1A$
	$\pm 5V/2A$
	$\pm 12V/1A$
	$\pm 12V/2A$



Single Channel Continuously Variable DC Regulated Power Supplies

With Digital Meter	Voltage/Current
	0 to $\pm 15V/1$ Amp
	0 to $\pm 15V/2$ Amp
	0 to $\pm 30V/1$ Amp
	0 to $\pm 30V/2$ Amp
	0 to $\pm 30V/3$ Amp
	0 to $\pm 30V/5$ Amp

POWER SUPPLIES

DC Regulated Power Supplies

- For Electrophoresis Apparatus
- For Diode/Triode Valve Characteristics
- For Tetrode/Pentode Valve Characteristics Apparatus
- For Millikans Oil Drop Apparatus



Power Supplies

AC / Dc Power Supplies	Voltage / Current
	2-12 V / 1 Amp
	2-12 V / 2 Amp
	2-12 V / 3 Amp
	2-12 V / 5 Amp



Spectrophotometer

Spectrophotometer, Digital, Single Display

Spectrophotometer, Digital, Double Display

Spectrophotometer, Digital, Double Display, 50mm Path Length

Spectrophotometer, Microprocessor Based, VIS, Single Beam

Spectrophotometer, Microprocessor Based, UV-VIS, Single Beam

Spectrophotometer, Microprocessor Based, UV-VIS Single Beam, Automatic



Spectrophotometer

Spectrophotometer, Microprocessor Based, UV-VIS, Double Beam

Spectrophotometer, Microprocessor Based, UV-VIS Double Beam, Advanced Model

Spectrophotometer, Atomic Absorbtion



Bio Chemistry Analyzer

pH Meter

- pH Meter, Digital, A.T.C.
- pH Meter, Digital, Table Model
- pH Meter, Digital, Portable
- pH, Conductivity & Temperature Meter, Digital, Table Model
- pH cum Temperature Meter, Digital
- pH/Temperature & mV Meter, Microcontroller Based
- Soil pH & Moisture Meter
- Wensar pH Meter



TDS Meter

- TDS Meter, Digital, Table Model
- TDS Meter, Digital, Portable
- Salinity Meter, Digital TDS Meter, Digital (Pocket Model)
- TDS Meter, Digital, A.T.C. , Waterproof (Pocket Model)

Photocolorimeter

- Photocolorimeter, 8 Filters, Digital, Table Model
- Photocolorimeter, 5 Filters, Digital, Table Model
- Photocolorimeter, 8 Filters, Deluxe, Table Model
- Photocolorimeter, 5 Filters, Deluxe, Table Model
- Auto Zero Photocolorimeter, Digital, Table Model
- Photocolorimeter, 8 Filters, Microcontroller Based, Table Model



Nephelometer, Digital, Table Model



Turbidity Meter

Turbidity Meter, Digital, Table Model

Turbidity Meter, Microprocessor Based, Table Model

Colony Counter

Colony Counter, Digital, 4 Digit

Colony Counter, Digital, 3 Digit



Titrimeter

Auto Karl Fisher Titrimeter

Auto Karl Fisher Titrimeter, Microprocessor Based

Flame Photometer

Flame Photometer, Digital, Single Channel

Flame Photometer, Digital, Dual Channel

Flame Photometer, Microcontroller Based



Conductivity Meter

Conductivity Meter, Digital (Pocket Model)
 Conductivity Meter, Digital, A.T.C. Waterproof (Pocket Model)
 Conductivity Meter, Digital (Portable)

Conductivity Meter, Digital, Table Model, Manual Temperature compensation

Conductivity Meter, Digital, Table Model, Automatic Temperature Compensation

Conductivity/ TDS/ Temperature Meter, Microprocessor Based, Table Model Wensar Conductivity Meter/°C Meter (Microprocessor)



Dissolved Oxygen Meter

Dissolved Oxygen Meter, Digital, Portable

Dissolved Oxygen Meter, Digital, Table Model, Manual Temperature Compensation

Dissolved Oxygen Meter, Microprocessor Based, Table Model Wensar Dissolved Oxygen Meter (Microprocessor)

Haemoglobin Meter, Digital



Haemoglobin Meter, (Sahli's type)



Water & Soil Analysis Kit

Water & Soil Analysis Kit, Digital , 5 Parameters

Water & Soil Analysis Kit, Digital, 6 Parameters

Water & Soil Analysis Kit, Digital, 7 Parameters

Water & Soil Analysis Kit, Microprocessor Based

Melting Point Apparatus

Melting Point Apparatus, Digital, Automatic Melting Point Apparatus, Digital



Viscometer

Viscometer, Digital Viscometer, Microcontroller Based

Friability Test Apparatus

Friability Test Apparatus, Digital, Double Drum

Friability Test Apparatus, Digital, Single Drum



Autoclave

Autoclave, Vertical (Steam Sterlizer), Deluxe Model

Autoclave, Vertical with Radial Locking

Autoclave, Vertical with Wing Nut Locking

Autoclave, Vertical(Steam Sterlizer), Economy Model

Autoclave, Vertical with Radial Locking

Autoclave, Vertical with Wing Nut Locking

Autoclave Vertical(Steam Sterlizer), with Three Walled Construction

Autoclave, Vertical with Radial Locking

Autoclave, Vertical with Wing Nut Locking

Autoclave Horizontal, Double Wall Construction

Autoclave Horizontal with Boiler

Autoclave Horizontal without Boiler

Autoclave Horizontal, Triple Wall Construction

Autoclave Portable

Autoclave Portable, Stainless steel

Autoclave Portable, Aluminium Electrically Operated.

Autoclave Pressure Cooker Type



Oven Universal

Oven Universal (Aluminium)

Oven Universal (Stainless Steel)

Vaccum Oven

All sizes available on demand



Incubator (Bacteriological) Memert type

Incubator (Aluminium)

Incubator (Stainless Steel)

B.O.D. Incubator B.O.D. Incubator (WITHOUT HUMIDITY ARRANGEMENT)

B.O.D. Incubator (WITH HUMIDITY ARRANGEMENT)

Shakers

Shaker (Wrist Action)

Shaker (Wrist Action), For Holding 4 flasks

Shaker (Wrist Action), For Holding 8 flasks

Shaker (V.D.R.L)

Shaker (V.D.R.L), with variable speed heavy duty motor

Shaker (V.D.R.L), with with variable speed DC motor

Rotary Shaker Horizontal (Table Model)

Vortex Shakers

Vortex Shakers

Vortex Shaker Touch Model



Water Bath

Seriological Water Bath

Thermostatic Water Bath

Universal Water Bath

Tissue Floating Water Bath

Water Still

Manesty Type Stainless Steel

Barnsted Type Water Still



Magnetic Stirrer

Magnetic Stirrer, With Stainless Steel Top

Magnetic Stirrer, With Ceramic Top



Rotary Vacuum Evaporator

Model	Speed (R.P.M)	Temperature
Rotary Vacuum Evaporator, Diagonal Condenser	20 to 200	5°C to 180°C
Rotary Vacuum Evaporator, Vertical Condenser	20 to 200	5°C to 180°C
Rotary Vacuum Evaporator, Cold Trap Condenser	20 to 200	5°C to 180°C
Rotary Vacuum Evaporator, Diagonal Condenser, with thermostatically controlled water bath	Upto 200	5°C to 180°C
Rotary Vacuum Evaporator, Diagonal Condenser, with digital temperature controller water bath	Upto 200	5°C to 180°C
Rotary Vacuum Evaporator, Vertical Condenser, with thermostatically controlled water bath	Upto 200	5°C to 180°C
Rotary Vacuum Evaporator, Vertical Condenser, with digital temperature controller water bath	Upto 200	5°C to 180°C
Rotary Vacuum Evaporator, Cold Trap Condenser, with thermostatically controlled water bath	Upto 200	5°C to 180°C
Rotary Vacuum Evaporator, Cold Trap Condenser, with digital temperature controller water bath	Upto 200	5°C to 180°C





Serving Science Since 1946

Laminar Air Flow

Made of Stainless Steel/Mild Steel/Ply-board
Stainless Steel working platform
HEPA filter efficiency 99.97% down to 0.3 micron
Pre filter efficiency 99% down to 5 micron
Fluorescent light illumination
UV germicidal lamp
Megnahaulic Gauge/Static Pressure Manometer
Cock for gas / air
Balanced blower with motor
Protection grill for HEPA filter
Removable covers for attending filter and blower assembly
Micro Processor Controlled unit (Optional)

Complete Clean Air Solution for

- Biotechnical Units
- Pharmaceutical Industries
- Pathological Labs
- Research Laboratories
- Institutions

Working Area Size

60 x 60 x 60 cm

90 x 60 x 60 cm

120 x 60 x 60 cm

180 x 60 x 60 cm

