JDJ®

A Complete Solution For Pharma Industries®

NAVSARJAN TURNKEY SOLUTIONS

✦ NOVELTY ✦ TRUST ✦ SATISFACTION

ISO 9001:2015 & CE Certified Organisation

Manufacturer & Supplier of Laboratory Instruments

PRODUCT CATALOGUE

Walk in Stability Chamber :

CONSTRUCTION

- Pre- Fabricated Modular Panel Type Construction With PUF Insulation to be Assembled On Site With Floor Panels Having Extra reinforcement To Sustain The Movement And Sample Load Inside The chamber.
- The Inner Working Chamber is Water & Vapour Tight High- grade Stainless Steel.
- Heavy Duty Insulated Floor Panel With Anti skid Carpet For Secured Movement.
- Chamber Are Provided With Effective Air circulation System, Heating & Cooling System And humidity generator System.

DOOR

- Multi Pane Vacuum Sealed Observation Glass Window to view the Samples without Disturbing The test Condition & Human safety.
- Electronics & Mechanical Lock Provision is Provided For Door Access (Mechanical Lock: - For Safety reasons The door can Be Opened Form Inside Even If Locked From Outside.

RACKS (SAMPLE STORES)

- Heavy Duty Solid Stainless Steel Duly Electro Polished Wire Mesh/ Perforated Type Trays Are Provided Which Are Easy to clean, Time & Efforts saving, Also Adjustable for Convenience, Along With Detachable racks With Adjustable Angles.

UTILITY UNIT

- A Utility Unit is provided at the backside to the chamber, which consist of a cooling coil, dry heater and stream generator.
- The Air circulating Fan Motor is Placed On The top the conditioning unit. The Air is sucked in from The Ducting area Passes Over the cooling coil, Dry heater and Steam Generator then comes back into the working area.
- The same Air is Re-circulated again and again to give maximum uniformity of temperature and Humidity inside the chamber.

CONTROL PANEL

- Ergonomically Designed control Panel Wiring With Systematic Sequential ferrule printing For input and output to all Components Like PLC, Contactors, Isolators, MCBs, SSRs. Easy Maintenance made Possible with the aid of Easy to Understand Wiring Diagrams.
- Advanced PLC Program with Built-in Processor based Auto tuning To achieve And maintain Constant Uniformity Of Set Condition.
- HMI Provided With Adequate Local Data Storage And A Colour TFT/LCD Display With Accurate Representation Of operating Condition In Contrasting Colours For easy Readability From A Considerable Distance.

TECHNICAL SPECIFICATIONS

- **For Conditions as Per ICH Guideline** : 25°C/60% RH, 40°C/75% RH, 30°C/75% RH, 25°C/40% RH, 40°C/25% RH 30°C/35% RH
- **Temperature Range** : 20°C to 60°C
- **Accuracy / Uniformity** : ± 0.5°C / ± 2.0°C
- **Humidity Range** : 40%RH to 95% RH
- **Accuracy / Uniformity** : ± 3% RH / ± 5% RH
- **Control** : PLC With Auto tuning Facility For Accurate Control Of Temperature And Humidity Conditions.
- **Sensor** : Rotronic or Equivalent Make Sensor For Better Accuracy.

SAFETY FEATURES

- High Temperature safety cut off
- Low water level boiler cut off
- Emergency Stop
- Person Trapped Precaution

ALARM FEATURES

- Temperature & RH Deviation Alarm
- Continues Open Door Alarm
- Power Failure Alarm

OPTIONAL FEATURES

- Stand By Cooling System : -
  Completely Ready For Use Refrigeration System In case The Regular Refrigeration System Fails With Auto/Manual Change Over Through HMI.

- Stand By Humidity System :-
  Completely Ready For Use System In case The Regular System Fails With Auto/ Manual Change Over Through HMI.

- Door Access Controller
  Finger or Pin Based door access for opening Chamber

- Scanner (8 Temp. + 8 RH For Online Monitoring Purpose)

- PC/Printer Interface Unit

- 21 CFR Software

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Outer Size (mm) Width Depth Height	Rack Qty.	Tray Qty.
JDJ/WSK-4K	2000 x 1000 x 2000	4000	2160 x 1630 x 2200	2	10
JDJ/WSK-6K	2000 x 1500 x 2000	6000	2160 x 2130 x 2200	4	20
JDJ/WSK-8K	2000 x 2000 x 2000	8000	2160 x 2630 x 2200	4	20
JDJ/WSK-10K	2000 x 2500 x 2000	10000	2160 x 3130 x 2200	6	30
JDJ/WSK-12K	2000 x 3000 x 2000	12000	2160 x 3630 x 2200	6	30
JDJ/WSK-16K	2000 x 4000 x 2000	16000	2160 x 4630 x 2200	8	40
JDJ/WSK-20K	2000 x 4000 x 2500	20000	2160 x 4630 x 2700	8	48

21 CFR Part 11 Compliance Software

- Real time Monitoring Of Temperature And Humidity
- Data base Management System As Per 21 CFR Guidelines
- Auto Backup And Manual backup Settable As Per Requirements.
- Password management System as Per 21 CFR Guidelines
- Minimum Password Length
- Report Management System as per 21 CFR Guidelines
- Electronic Signature
- E- Signature For all Reports and Audit Trail.
- Master Temperature And Humidity
- Scanner Temperature And Humidity
- MKT, MKRH
- Log In And Log out
- Equipment Audit Trail

DOCUMENTATION

- We qualify our instruments & generate Qualification reports as evidence for suitability for the corresponding application.

CALIBRATION

- We calibrate & thereby certify our instruments as per traceable standards. Consequently, we are providing Calibration certificates, Temperature & Relative humidity mapping reports for instruments

Stability Chamber (Humidity Chamber)

CONSTRUCTION

- Double wall, Outer cabinet mild steel powder coated or stainless steel 304 and Inner Chamber Stainless Steel 304
- Full view glass door a multi pane viewing door prevents condensation & allows product view. Inner & outer doors are sealed around the entire perimeter by silicone sponge rubber gasket.
- The chamber is insulated by filling PUF in the space between outer body and chamber to prevent temperature loss.
- Chamber illumination: Florescent light with door switch.
- Castor wheels for easy move ability.
- **Shelves** : Stainless steel.

TECHNICAL SPECIFICATIONS

- **For conditions as per ICH guidelines** (International Conference on Harmonization) 25°C - 60% RH/40°C - 75% RH/ 30°C - 75% RH/25°C - 40% RH/ 40°C - 25% RH/ 30°C - 35% RH.
- **Temperature Range** : 10.0°C to 60.0°C
- **Accuracy/ Uniformity** : ± 0.5°C / ± 2°C
- **Humidity Range** : up to 95% RH
- **Accuracy/ Uniformity** : ± 3 % RH / ± 5 % RH or better
- **Temperature / Humidity display:** Digital LED.
- **Control** : Microprocessor based PID control Auto tune / PLC Based HMI Controller
- **Resolution** : 0.1°C / 0.1% RH
- **Temperature Sensor** : PT - 100 Class A
- **RH Sensor** : 4 to 20mA / 0 to 5V
- **Heating**: ISI Marked 'U' shaped tubular SS heater
- **Cooling** : CFC free compressor utilizing R 134A eco friendly refrigerant, with Condenser, motor and relay or as per the requirement of customer for higher accuracy.
- **Steam injection** : Boiler with reservoir made of thick stainless steel, with heater, water inlet control, low water level safeguard.
- **Air circulation**: cooling type fan with impeller / blower and flange type motor.
- **Power supply**: 230V / 15A / 50 Hz
- **Alarm**: Temperature Deviation & RH Deviation Alarm, Continues Open Door Alarm

SAFETY FEATURES

- High Temperature safety cut off, Low water level boiler cut off
- Electrical overload cutoff relay for compressor, Time delay for compressor switch ON

OPTIONAL FEATURES

- **STAND BY REFRIGERATION SYSTEM**
  Stand by compressor auto switchover facility with compressor time delay
- **PC/ PRINTER INTERFACE UNIT**
  Facility to print records on printer with set values, actual values, date and time with variable print time
- **SOFTWARE**
  21-CFR PART 11 COMPLIANCE SOFTWARE

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Trays	Outer Size (mm) Width Depth Height
JDJ/SC-01	450 x 400 x 500	90	1	600 x 950 x 1075
JDJ/SC-02	500 x 500 x 700	175	2	650 x 1050 x 1275
JDJ/SC-03	500 x 500 x 900	225	2	650 x 1050 x 1475
JDJ/SC-04	550 x 550 x 900	270	2	700 x 1100 x 1475
JDJ/SC-05	600 x 600 x 900	320	2	750 x 1175 x 1525
JDJ/SC-06	600 x 630 x 1060	400	3	750 x 1205 x 1685
JDJ/SC-07	600 x 630 x 1350	500	4	750 x 1205 x 2000
JDJ/SC-08	800 x 800 x 950	600	4	950 x 1375 x 1600
JDJ/SC-09	800 x 800 x 1250	800	4	950 x 1375 x 1900
JDJ/SC-10	800 x 800 x 1570	1000	4	950 x 1375 x 2200

* Customize size can be provided on user request

Photostability Chamber

CONSTRUCTION

- Double wall, Outer cabinet mild steel powder coated or stainless steel 304 and Inner Chamber Stainless Steel 304
- Full view glass door a multi pane viewing door prevents condensation & allows product view. Inner & outer doors are sealed around the entire perimeter by silicone sponge rubber gasket.
- The chamber is insulated by filling PUF in the space between outer body and chamber to prevent temperature loss.
- Chamber illumination: Florescent light with door switch.
- Castor wheels for easy move ability.
- Shelves : Stainless steel.
- UV & Fluorescent Lights
- As per ICH Guidelines-1.2 Million Lux hours of visible light and 200 watt Hr/m^2 of UV light. Auto Shut OFF after specify exposure time.
- Individual switch is provided to ON/OFF for UV& Fluorescent light.
- UV light is switched off automatically once inner glass door is opened to prevent hazardous exposure.
- Samples can be tested under Fluorescent light or U.V. lights separately.

TECHNICAL SPECIFICATIONS

- **Temperature Range** : 20°C to 50°C
- **Accuracy/ Uniformity** : ± 0.2°C/ ± 1.0°C
- **Humidity Range** : 40%RH to 85%RH
- **Accuracy/ Uniformity** : ± 1%RH/ ± 3%RH or better
- **Temperature / Humidity display** : Digital LED.
- **Control** : Microprocessor based PID control Auto tune / PLC Based HMI Controller
- **Resolution** : 0.1°C / 0.1% RH
- **Temperature Sensor** : PT - 100 Class A
- **RH Sensor** : 4 to 20mA / 0 to 5V
- **Heating** : ISI Marked 'U' shaped tubular SS heater
- **Cooling** : CFC free compressor utilizing R 134A eco friendly refrigerant, with Condenser, motor and relay or as per the requirement of customer for higher accuracy.
- **Steam injection** : Boiler with reservoir made of thick stainless steel, with heater, water inlet control, low water level safeguard.
- **Air circulation** : cooling type fan with impeller / blower and flange type motor.
- **Power supply** : 230V / 15A / 50 Hz
- **Alarm**: Temperature Deviation & RH Deviation Alarm, Continues Open Door Alarm

SAFETY FEATURES

- High Temperature safety cut off, Low water level boiler cut off
- Electrical overload cutoff relay for compressor, Time delay for compressor switch ON

OPTIONAL FEATURES

- **STAND BY REFRIGERATION SYSTEM**
  Stand by compressor auto switchover facility with compressor time delay
- **PC/ PRINTER INTERFACE UNIT**
  Facility to print records on printer with set values, actual values, date and time with variable print time
- **SOFTWARE**
  21-CFR PART 11 COMPLIANCE SOFTWARE

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Trays	Outer Size (mm) Width Depth Height
JDJ/PSC-01	500 x 500 x 900	225	2	650 x 1050 x 1475
JDJ/PSC-02	550 x 550 x 900	270	2	700 x 1100 x 1475
JDJ/PSC-03	600 x 600 x 900	320	2	750 x 1175 x 1525
JDJ/PSC-04	600 x 630 x 1060	400	3	750 x 1205 x 1685

* Customize size can be provided on user request

Cold Chamber (Cooling Cabinet)

CONSTRUCTION

- Double wall, Outer cabinet mild steel powder coated or stainless steel 304 and Inner Chamber Stainless Steel 304
- Full view glass door a multi pane viewing door prevents condensation & allows product view. Inner & outer doors are sealed around the entire perimeter by silicone sponge rubber gasket.
- The chamber is insulated by filling PUF in the space between outer body and chamber to prevent temperature loss.
- Chamber illumination: Florescent light with door switch.
- Castor wheels for easy move ability.
- Shelves : Stainless steel

TECHNICAL SPECIFICATIONS

- **Temperature Range** : 2°C to 8°C
- **Accuracy/ Uniformity** : ± 1.0°C/ ± 2.0°C
- **Temperature display** : Digital LED.
- **Control** : Microprocessor based PID control Auto tune / PLC Based HMI Controller
- **Resolution** : 0.1°C
- **Temperature sensor** : PT - 100 Class A
- **Cooling** : CFC free compressor utilizing R 134A eco friendly refrigerant, with Condenser, motor and relay or as per the requirement of customer for higher accuracy.
- **Air circulation** : cooling type fan with impeller / blower and flange type motor
- **Power supply** : 230V / 15A / 50 Hz

SAFETY FEATURES

- High Temperature safety cut off
- Electrical overload cutoff relay for compressor, Time delay for compressor switch ON

HIGHLIGHT FEATURE

- **DOUBLE DECKER COLD CHAMBER**
  We can construct double decker cold chamber also on requirement basis

OPTIONAL FEATURES

- **STAND BY REFRIGERATION SYSTEM**
  Stand by compressor auto switchover facility with compressor time delay
- **PC/ PRINTER INTERFACE UNIT**
  Facility to print records on printer with set values, actual values, date and time with variable print time
- **SOFTWARE**
  21-CFR PART 11 COMPLIANCE SOFTWARE
- **ALARM SYSTEM**
  Temperature Deviation Alarm, Continues Open Door Alarm

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Trays	Outer Size (mm) Width Depth Height
JDJ/CC-01	450 x 400 x 500	90	1	600 x 825 x 1075
JDJ/CC-02	500 x 500 x 700	175	2	650 x 925 x 1275
JDJ/CC-03	500 x 500 x 900	225	2	650 x 925 x 1475
JDJ/CC-04	550 x 550 x 900	270	3	700 x 975 x 1475
JDJ/CC-05	600 x 600 x 900	320	3	750 x 1050 x 1525
JDJ/CC-06	600 x 630 x 1060	400	4	750 x 1080 x 1685
JDJ/CC-07	600 x 630 x 1350	500	4	750 x 1080 x 2000
JDJ/CC-08	800 x 800 x 950	600	4	950 x 1250 x 1600
JDJ/CC-09	800 x 800 x 1250	800	5	950 x 1250 x 1900
JDJ/CC-10	800 x 800 x 1570	1000	5	950 x 1250 x 2200

* Customize size can be provided on user request

Deepfreezer

CONSTRUCTION

- Double wall, Outer cabinet mild steel powder coated or stainless steel 304 and Inner Chamber Stainless Steel 304
- Full view glass door a multi pane viewing door prevents condensation & allows product view. Inner & outer doors are sealed around the entire perimeter by silicone sponge rubber gasket.
- The chamber is insulated by filling PUF in the space between outer body and chamber to prevent temperature loss.
- Chamber illumination: Florescent light with door switch.
- Castor wheels for easy move ability.
- Shelves : Stainless steel

TECHNICAL SPECIFICATIONS

- **Temperature Range** : -10°C to -30°C
- **Accuracy/ Uniformity** : ± 3.0°C/ ± 5.0°C
- **Temperature display** : Digital LED.
- **Control** : Microprocessor based PID control Auto tune / PLC Based HMI Controller
- **Resolution** : 0.1°C
- **Temperature sensor** : PT - 100 Class A
- **Cooling** : CFC free compressor utilizing R 134A eco friendly refrigerant, with Condenser, motor and relay or as per the requirement of customer for higher accuracy.
- **Power supply** : 230V / 15A / 50 Hz
- **Alarm**: Temperature Deviation Alarm, Continues Open Door Alarm

SAFETY FEATURES

- High Temperature safety cut off
- Electrical overload cutoff relay for compressor, Time delay for compressor switch ON

OPTIONAL FEATURES

- **STAND BY REFRIGERATION SYSTEM**
  Stand by compressor auto switchover facility with compressor time delay
- **PC/ PRINTER INTERFACE UNIT**
  Facility to print records on printer with set values, actual values, date and time with variable print time
- **SOFTWARE**
  21-CFR PART 11 COMPLIANCE SOFTWARE

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Trays	Outer Size (mm) Width Depth Height
JDJ/DF-01	450 x 400 x 500	90	1	600 x 825 x 1075
JDJ/DF-02	500 x 500 x 700	175	2	650 x 925 x 1275
JDJ/DF-03	500 x 500 x 900	225	2	650 x 925 x 1475
JDJ/DF-04	550 x 550 x 900	270	3	700 x 975 x 1475
JDJ/DF-05	600 x 600 x 900	320	3	750 x 1050 x 1525
JDJ/DF-06	600 x 630 x 1060	400	4	750 x 1080 x 1685

* Customize size can be provided on user request

BOD Incubator

CONSTRUCTION

- Double wall, Outer cabinet mild steel powder coated or stainless steel 304 and Inner Chamber Stainless Steel 304
- Full view glass door a multi pane viewing door prevents condensation & allows product view. Inner & outer doors are sealed around the entire perimeter by silicone sponge rubber gasket.
- The chamber is insulated by filling PUF in the space between outer body and chamber to prevent temperature loss.
- Chamber illumination: Florescent light with door switch.
- Castor wheels for easy move ability.
- Shelves : Stainless steel

TECHNICAL SPECIFICATIONS

- **Temperature Range** : 5.0°C to 60.0°C
- **Accuracy/ Uniformity** : ± 0.5°C / ± 1°C
- **Temperature display**: Digital LED.
- **Control** : Microprocessor based PID control Auto tune / PLC Based HMI Controller
- **Resolution** : 0.1°C
- **Temperature Sensor** : PT - 100 Class A
- **Heating** : ISI Marked 'U' shaped tubular SS heater
- **Cooling** : CFC free compressor utilizing R 134A eco friendly refrigerant, with Condenser, motor and relay or as per the requirement of customer for higher accuracy.
- **Air circulation**: cooling type fan with impeller / blower and flange type motor
- **Power supply**: 230V / 15A / 50 Hz

SAFETY FEATURES

- High Temperature safety cut off
- Electrical overload cutoff relay for compressor, Time delay for compressor switch ON

HIGHLIGHT FEATURE

- **DOUBLE DECKER BOD INCUBATOR**
  We can construct double decker BOD Incubator also on requirement basis

OPTIONAL FEATURES

- **STAND BY REFRIGERATION SYSTEM**
  Stand by compressor auto switchover facility with compressor time delay
- **PC/ PRINTER INTERFACE UNIT**
  Facility to print records on printer with set values, actual values, date and time with variable print time
- **SOFTWARE**
  21-CFR PART 11 COMPLIANCE SOFTWARE
- **ALARM SYSTEM**
  Temperature Deviation Alarm, Continues Open Door Alarm

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Trays	Outer Size (mm) Width Depth Height
JDJ/BOD-01	450 x 400 x 500	90	1	600 x 825 x 1075
JDJ/BOD-02	500 x 500 x 700	175	2	650 x 925 x 1275
JDJ/BOD-03	500 x 500 x 900	225	2	650 x 925 x 1475
JDJ/BOD-04	550 x 550 x 900	270	3	700 x 975 x 1475
JDJ/BOD-05	600 x 600 x 900	320	3	750 x 1050 x 1525
JDJ/BOD-06	600 x 630 x 1060	400	4	750 x 1080 x 1685
JDJ/BOD-07	600 x 630 x 1350	500	4	750 x 1080 x 2000
JDJ/BOD-08	800 x 800 x 950	600	4	950 x 1250 x 1600
JDJ/BOD-09	800 x 800 x 1250	800	5	950 x 1250 x 1900
JDJ/BOD-10	800 x 800 x 1570	1000	5	950 x 1250 x 2200

* Customize size can be provided on user request

Bacteriological Incubator

CONSTRUCTION

- Double walled construction inner chamber made of Stainless Steel & exterior made of M.S powder coated or Stainless Steel.
- Having a door with a provision to observe the products under testing.
- Gap between the walls is filled with special grade mineral wool for proper insulation to avoid heat loss and thereby saving energy.
- Air Ventilation are placed in incubator.
- Shelves : Stainless steel

TECHNICAL SPECIFICATIONS

- **Temperature Range**: 5°C above ambient to 70°C.
- **Accuracy/ Uniformity** : ± 0.5°C / ± 1°C
- **Control** : Microprocessor based PID control Auto tune / PLC Based HMI Controller
- **Resolution** : 0.1°C
- **Temperature Sensor** : PT - 100 Class A
- **Heating**: ISI Marked 'U' shaped tubular SS heater
- **Air circulation**: Blower and flange type motor
- **Power supply**: 230V / 15A / 50 Hz

SAFETY FEATURES

- High Temperature safety cut off

HIGHLIGHT FEATURE

- **DOUBLE DECKER BACTERIOLOGICAL INCUBATOR**
  We can construct double decker Bacteriological Incubator also on requirement basis

OPTIONAL FEATURES

- **PC/ PRINTER INTERFACE UNIT**
  Facility to print records on printer with set values, actual values, date and time with variable print time

- **SOFTWARE**
  21-CFR PART 11 COMPLIANCE SOFTWARE

- **ALARM SYSTEM**
  Temperature Deviation Alarm, Continues Open Door Alarm

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Trays	Outer Size (mm) Width Depth Height
JDJ/BI-01	350 x 350 x 350	40	1	650 x 625 x 900
JDJ/BI-02	450 x 400 x 500	90	1	750 x 650 x 1050
JDJ/BI-03	450 x 450 x 610	120	1	750 x 700 x 1160
JDJ/BI-04	500 x 500 x 900	225	2	800 x 750 x 1450
JDJ/BI-05	600 x 600 x 900	320	2	900 x 850 x 1525
JDJ/BI-06	600 x 630 x 1060	400	4	900 x 880 x 1685

* Customize size can be provided on user request

Fully Automatic Vertical Autoclave

CONSTRUCTION

- Double walled construction fully made of SS 304
- Auto Exhaust facility &Validation port.
- Silicone airtight pressure proof gasket.
- The door tightened by Knob type.
- S.S Basket for storage of autoclavable items

TECHNICAL SPECIFICATIONS

- **Working pressure** : Up to 15 PSI
- **Pressure Gauge** : Certified Gauge
- **Digital Controller** : Microprocessor based PID control Auto tune
- **Heating** : ISI Marked immersion type heaters made of high grade materials
- **Auto Exhaust** : For Automatic release of steam after cycle completion
- **Power supply** : 230V / 15A / 50 Hz

OPTIONAL FEATURES

- Controller with Print facility & PC Interface
- Radial Locking System
- Single Lever Locking System

SAFETY FEATURES

- Two Safety Valves availability
- Steam Release valve availability
- Low water levels switch to protect the heater from low water level

Model No.	Internal Size (mm) Dia x Height	Size In Liters
JDJ/FAV-01	300 x 560	40
JDJ/FAV-02	355 x 560	52
JDJ/FAV-03	400 x 600	75
JDJ/FAV-04	450 x 600	95
JDJ/FAV-05	450 x 700	110
JDJ/FAV-06	450 x 750	120
JDJ/FAV-07	555 x 750	150

* Customize size can be provided on user request

Hot Air Oven

CONSTRUCTION

- Double wall, Outer cabinet mild steel powder coated or stainless steel 304 and Inner Chamber Stainless Steel 304
- The gap between the walls is filled with special grade Mineral wool for proper insulation to avoid heat loss and thereby saving energy.
- The door is fully insulated with S.S lock, hinges.
- Air Ventilation is provided to remove hot gases / fumes.
- Supplied with SS shelves.

TECHNICAL SPECIFICATIONS

- **Temperature Range (Model-1)** : 5°C above ambient to 250°C
- **Temperature Range (Model-2)** : 5°C above ambient to 300°C
- **Accuracy/ Uniformity** : ± 0.5°C/ ± 1°C
- **Control** : Microprocessor based PID control Auto tune / PLC Based HMI Controller
- **Resolution** : 0.1°C
- **Temperature sensor** : PT - 100 Class A
- **Heating** : ISI Marked 'U' shaped tubular SS heater
- **Air circulation** : Blower and flange type motor.
- **Power supply** : 230V / 15A / 50 Hz

Model No.	Internal Size (mm) Width Depth Height	Size In Liters	Trays	Outer Size (mm) Width Depth Height
JDJ/HAO-01	350 x 350 x 350	40	1	650 x 625 x 900
JDJ/HAO-02	450 x 400 x 500	90	1	750 x 650 x 1050
JDJ/HAO-03	450 x 450 x 610	120	2	750 x 700 x 1160
JDJ/HAO-04	500 x 500 x 900	225	2	800 x 750 x 1450
JDJ/HAO-05	600 x 600 x 900	320	3	900 x 850 x 1525
JDJ/HAO-06	600 x 630 x 1060	400	4	900 x 880 x 1685

* Customize size can be provided on user request

OPTIONAL FEATURES

- Timer
- PC/ Printer Interface Unit
- Alarm System : Temperature Deviation Alarm,
  Continues Open Door Alarm

Vacuum Oven

CONSTRUCTION

- Double wall, Outer cabinet mild steel powder coated or stainless steel 304 and Inner Chamber Stainless Steel 304
- Gap between the chambers is filled with special grade glass wool for proper insulation to avoid heat loss and thereby saving energy.
- Uniform drying under Vacuum.
- Supplied with vacuum gauge, vacuum cock, toughened glass window in centre of the door to see through the chamber.
- Shelves : Stainless steel

TECHNICAL SPECIFICATIONS

- **Temperature Range** : 50°C to 200°C
- **Accuracy** : ± 2°C
- **Control** : Microprocessor based PID control Auto tune
- **Temperature sensor** : PT - 100 Class A
- **Heating** : ISI Marked SS heater
- **Power supply** : 230V / 15A / 50 Hz

Model No.	Inner Chamber Size (mm) Dia x Depth
JDJ/VO-01	230 x 300
JDJ/VO-02	300 x 380
JDJ/VO-03	380 x 460

* Customize size can be provided on user request

Muffle Furnace

CONSTRUCTION

- Muffle Furnace Horizontal rectangular Outer body made of thick gauge Mild Steel with powder coating or Stainless Steel 304. Ceramic fiber wool insulation to prevent heat loss.
- Uniform heat distribution through all four sides with Kanthal A1 element.

TECHNICAL SPECIFICATIONS

Temp. Range (Model-1) : Maximum Temperature 1150°C & Working Temperature 1100°C
Temp. Range (Model-2) : Maximum Temperature 950°C & Working Temperature 900°C
Digital Temp. Controller : Microprocessor based PID control Auto tune with K type sensor
Resolution : 1°C
Power supply : 230V / 15A / 50 Hz

Model No.	Inner Chamber Size (mm) Width x Depth x Height
JDJ/MF-01	220 x 100 x 100
JDJ/MF-02	250 x 130 x 130
JDJ/MF-03	300 x 150 x 150

* Customize size can be provided on user request

Water Bath Rectangular

CONSTRUCTION

- Double wall, Outer cabinet stainless steel 304 and Inner Chamber Stainless Steel 304
- Gap between the walls is filled with special grade glass wool for proper insulation to avoid heat loss and thereby saving energy.
- Diameter of holes 3" with Concentric Rings.

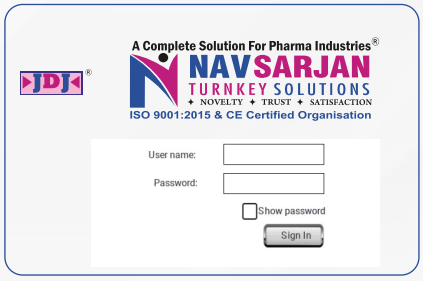
TECHNICAL SPECIFICATIONS

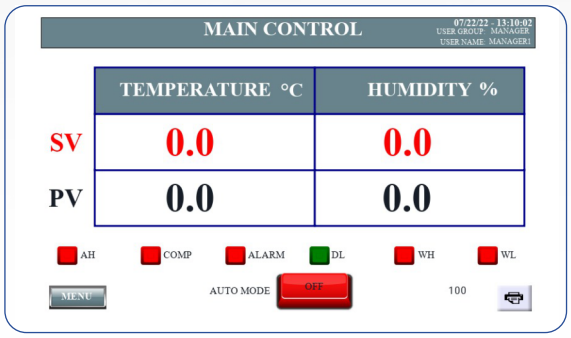
- **Temperature Range** : 5°C above ambient to 99°C
- **Accuracy** : ± 1°C
- **Control** : Microprocessor based PID control Auto tune
- **Resolution** : 0.1°C
- **Temperature sensor** : PT - 100 Class A
- **Heating** : ISI Marked immersion type heaters made of high grade materials.
- **Power supply** : 230V / 15A / 50 Hz

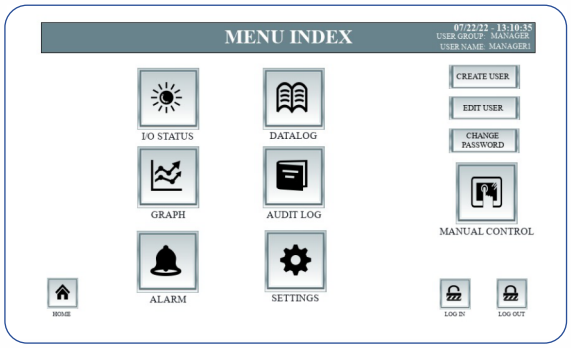
Model No.	Inner Chamber Size (mm) Width x Depth x Height	Holes
JDJ/WBR-01	350 X 250 X 100	6
JDJ/WBR-02	400 X 300 X 100	12

* Customize size can be provided on user request

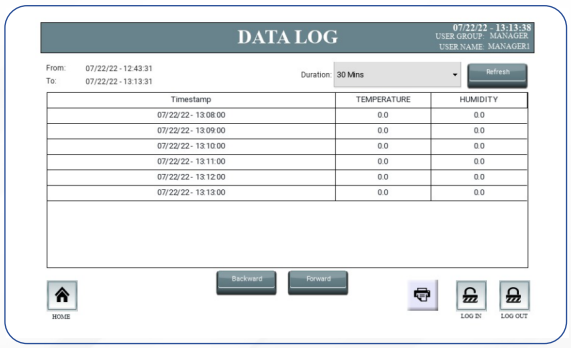
21 CFR PART 11 Compliance Software Features

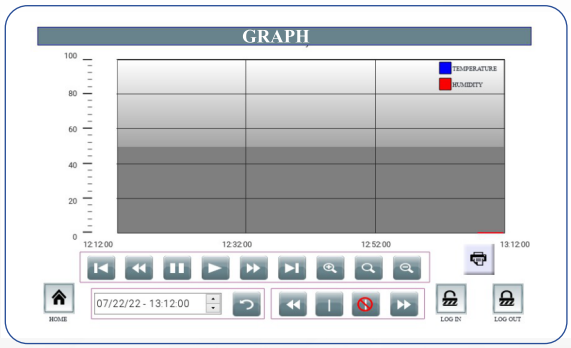


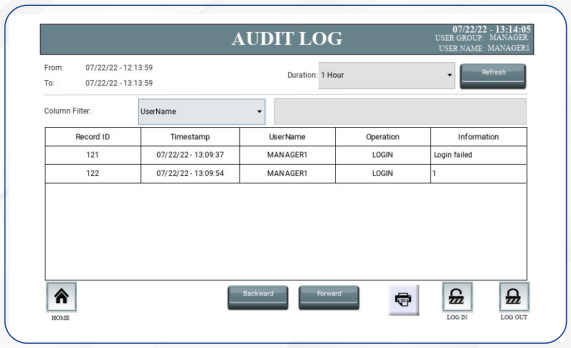


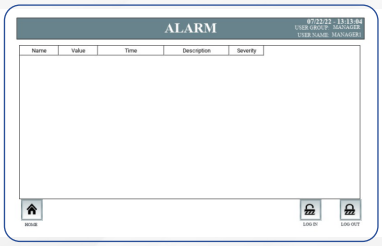


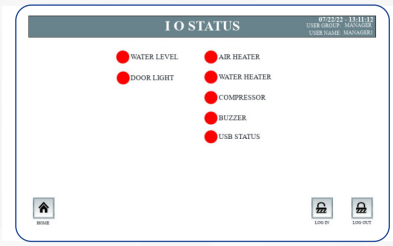
- Auto Start-up on PC Power-up
- Online Display of Process Values & Stored Records in
- Graphical & Tabular Forms with Alarm Indications
- SMS and/or Email Alerts on Alarm Comditions (Optional)
- Mean Kinetic Temperature (MKT) Computation
- Automatic Periodic Downloading of Records Stored in Controller
- Access Control According to Authority Level
- User Actions with Signing & Authorization
- Automatic Password Expiry
- Manual & Auto Back-up Facility with Archiving
- Data Log Reports with User Configurable Title, Footer & Header
- Data Log Report, Alarm Log Report, History Graph & Audit Trail Report in PDF & EXCEL formats
- Audit Trail History of Critical Events & User Actions
- Supports Multiple Chambers on Single Installation











Instruments We Supply

- Analytical weighing balance
- Weighing balance
- Digital moisture balance
- Weight box
- pH meter
- Conductivity meter
- TDS meter
- Magnetic stirrer with hot plate
- Ultra sonicator
- Friability test apparatus
- Disintegration test apparatus
- Dissolution test apparatus
- Hardness tester
- Digital melting point apparatus
- UV spectrophotometer
- UV cabinet
- Polarimeter
- Abbe refractometer
- Karl Fischer titrator
- Colony counter
- Digital antibiotic zone reader
- Leak test apparatus
- Microscope
- Centrifuge
- Cyclo mixer
- Vacuum pump
- Bulk density apparatus

Calibration Division

We provide calibration services for the following parameters

- Thermal
- Pressure
- Mass
- Volume
- Speed
- Time
- Temperature & Humidity Mapping

Our Clientele

JDJ®

AGONIST PHARMACEUTICALS PVT. LTD.
ARIHANT BIOCARE
Alex
ZEMDY Pharma Striving For Your Well Being
DNAKOR PHARMA PRIVATE LIMITED
Trilend Pharmaceuticals Pvt. Ltd.
VIMSON DERMA
Zotoxa Pharma
AXELUS Pharma Pvt. Ltd.
DISPOWELL SURGICALS
CDSCO
medinova endosys
LABRON HEALTHCARE PVT LTD
Plot no. 156-163, G.I.D.C. Ranasan, Tal. Vijapur Dist. Mehsana-382855 Gujarat (India)
GST NO.: 24AAMCA3621N1ZK
Labgene biotech
SHARING Formulations Pvt. Ltd.
Vadish PHARMA PVT. LTD.
FLEXUS SURGICALS
ACE INSTRUMENTS
Acron PHARMACEUTICALS
AEVIAS HEALTHCARE PVT. LTD.
dies APIs | Intermediates | Excipients | Solvents
ASHMI Creative Chemistry Solutions
ભાવકવિ નરસિંહ મહેતા યુનિવર્સિટી
BHUGAN LIFE SCIENCE PVT. LTD.
CHEMPHAR PHARMA
CHIRIPAL
Cubit Medisurge LLP WE CARE FOR LIFE
DERREN HEALTHCARE PVT. LTD.
DEWCARE CONCEPT PVT. LTD.
DHWANI LIFECARE
Ecohs Natural Technologic
Ethos CORPORATION A speciality coating division
GADRÉ PREMIUM SEAFOOD
Ganpat University ॥ विद्यया समाजोत्कर्षः ॥
GAMD
GOMA ENGINEERING AND CONSULTANCY
Lifesurge HEALTHCARE PVT. LTD.
memphis passionate to Healthcare
MJ SURGICAL Implanting Trust
Neptune Group of Companies Service in Medical Textiles
NEPTUNE Orthopaedics
NPCIL
Nutra Healthcare NUTRA HEALTHCARE Surat Gujarat
NUTRALIKE LIFESCIENCES PVT. LTD.
Pellucid LIFESCIENCES PVT. LTD.
PHINE KEMIKALS INDIA
प्लाज्मा अनुसंधान संस्थान Institute for Plasma Research
PROMINENCE HEALTHCARE PVT. LTD.
SATOL
SAVITA bonds build businesses
SCIENTIFIC DIAGNOSTIC CENTRE
SDF CHEMICALS INDIA
SELVOK Pharmaceutical Co.
HAMLAI INDUSTRIES PVT. LTD.
shashiPHARMA
STERLIFE PHARMA PVT. LTD.
Supravitz
SWEJER HEALTHCARE
WWS
SynZeal
CDSCO
AARPIK Pharmaceuticals Pvt. Ltd.
Expresolv® ISO 9001:2015 Certified
MSLC INSPIRING BETTER HEALTH
DLC Devlife Corporation Pvt. Ltd.
HAMAX
JAISONMED
AF
AXELUS Pharma Pvt. Ltd.
SUNSHINE MEDITECH
NEXTIN Caring your smile
Reino Remedies Pvt. Ltd. Protecting your health
M&M PHARMA

Many more

Our Peculiarities

- WE ARE ONE POINT SOLUTION FOR LABORATORY SET UP.
- WE OPTIMIZE OUR PRODUCTS AS PER CURRENT REGULATORY GUIDELINES.
- WE PROVIDE INSTRUMENT LAYOUT WITH DESIGNATED PLACEMENT IN AUTOCAD VERSION OF DRAWING.
- WE PROVIDE DQ, IQ, OQ, PQ & S.O.P DOCUMENTS COMPLIANT TO COMPETITIVE REGULATORY GUIDELINES.
- WE PERFORM ANNUAL MAINTENANCE AND SERVICE CONTRACT FOR JDJ® BRANDED PRODUCTS
- WE PROVIDE CALIBRATION CERTIFICATES FOR LABORATORY INSTRUMENTS, WHICH ARE TRACEABLE TO NATIONAL STANDARDS.

UNIVERSAL CERTIFICATION SERVICES PRIVATE LIMITED

CERTIFICATE

This is to Certify that the Management System of

NAVSARJAN TURNKEY SOLUTIONS

SECOND FLOOR, 208-A PLOT NO 137 TPS-8, ABHISHEK COMPLEX-2,
NR ASARVA BRIDGE, ASARWA, AHMEDABAD,
GUJARAT - 380016, INDIA.

has been assessed and found to be in compliance with the requirements of the standard

ISO 9001:2015

Quality Management System

This certificate is valid for the following products or service range

MANUFACTURER AND SUPPLIER OF LABORATORY INSTRUMENTS.

The validity of certificate is subject to regular surveillance audit on or before below mentioned dates and it's only valid after successful surveillance with continuation letter issued by UCSPL

Initial Date of Certification : 30/01/2025

Current Date of Certification : 30/01/2025

Date of Expiry : 29/01/2028

1st Surveillance Audit 29 January 2026

2nd Surveillance Audit 29 January 2027

Certification Number : UCSPL09802500325

Authorised Signatory

KAB-QC-80

UNIVERSAL CERTIFICATION SERVICES PVT. LTD.
E-mail :universalcertificationservices@gmail.com
Web : www.universalcertification.co.in

This certificate of registration remain the property of Universal Certificaion Services Pvt. Ltd. and shall be returned immediately upon request. the validity of this certificate can be verified at www.universalcertification.co.in

India Office :A-12, P.NO . 105 -108, MADHUVAN PARK-1 KOLAR ROAD, BHOPAL (462042), Madhya Pradesh, INDIA.

Corporate Office:
A-208, Abhishek-2 Complex, Near Asarwa bridge, Civil hospital road, Asarwa, Ahmedabad-380016
Factory:
Shed No.: 07, Pelican Estate-2, Kathavada GIDC Road No.: 05, Near Navnirman Bank, Kathavada, Ahmedabad – 382430.

+91 74860 84260, +91 74860 84259
info@navsarjants.com, instruments@navsarjants.com www.navsarjants.com