MEDICA INSTRUMENT MFG. CO. was established for the manufacture of medical instruments. The firm currently is a registered SSI unit since 1967 with the Directorate of Industries and is also an ISO 13485 certified organisation. Medica’s focus has always been to produce instruments which are a step ahead in innovation and user-friendliness. There is a continual investment of resources towards R&D. We specialize in sterilization, pathology and organic chemistry lab instruments, namely Vertical Autoclaves (steam pressure sterilizers), Rotary Vacuum Evaporators, Baths - Oil & Water / Stirred / Round / Shaking, Water Stills, Colony Counters, Anaerobic Jars etc. Medica markets these products under its own brands, namely EQUITRON, LAPIZ, Equitron-ROTEVA, Stone-fin, EVATOR, EQUIVAC, EQUIBATH. EQUITRON Fully Automatic Vertical Autoclaves are market leaders in this category of Autoclaves with over 75% market share in the domestic field. EQUITRON Autoclaves, coupled with its on line printing / charting, comply with GMP / ISO / FDA requirements. Equitron-ROTEVA Rotary Vacuum Evaporators has established itself as a fully featured and highly cost effective Evaporator with a country wide user base. EQUITRON Stirred Water Bath & EQUIBATH Refrigerated Bath have received CE certification in July 2008. We may add here that Medica products are in use not only all over India but also exported to Dubai, Kenya, Nepal, Nigeria, South Africa, Srilanka, Syria, Togo, U.A.E, Uganda, Yemen, Zambia & Zimbabwe amongst others. The Indian client list includes all major pharma like Charak, Cipla, Dabur, Dr. Reddy’s, Glaxo SmithKline, Lupin Ltd, Modi Mundipharma, Nestle, Pepsi, Ranbaxy, Themis, Win Medicare, Wockhardt and hospitals like Bombay, Breach Candy, Jaslok, Lilavati etc.
**OUR RANGE OF PRODUCTS**

**Autoclave - SLE Series**
FA / PAD / STWL

- Unique single lever locking
- Choice of Fully Automatic / Preset Automatic Digital / Standard models
- Capacity 35 to 180 lit

**Autoclave - SLV**

- Unique Single lever locking
- PLC based Controller
- Pre & post vacuum facility
- Passes B-D test
- Capacity 113 to 180 lit

**Autoclave - Vertical**
FA / PAD / STWL

- Choice of Fully Automatic / Preset Automatic Digital / Standard models
- Market leaders in FA segment since over a decade
- Wide documenting options available
- Capacity 35 to 180 lit

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**MEDIA PREPARATOR cum AUTOCLAVE**

- Prepares 3~27 lit of liquid Media & Agar
- Continuous stirring throughout the cycle assures proper mixing of media & uniformity
- Media sterilization temp range: up to 122°C
- Capacity 9 & 27 lit

**Autoclave - Portable**
Automatic / Standard

- Die pressed Seamless SS body
- Automatic series with preset temperature & time
- Automatic purging
- Capacity 16 lit

**Autoclave - Table Top**

- Fully Automatic
- Upto 134°C
- Drying with door open option
- Safety Valve for over pressure
- Capacity 16 lit

**Autoclave - Praano Series**

- Unique single lever series
- PLC based controller
- Inbuilt documenting option
- Available with Drain (Exhaust) Cooling, Positive Pulsing, Air Ballast with filter (post sterilization) options.

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Forced Convection Oven
- Digital PID temperature controller with timer, alarms and auto tuning
- Incoloy sheathed heater
- Non contact type door switch
- Over temperature safety protection & MCB

BOD Incubator
- Classic & Intello series BOD Incubator
- PID temperature controller with soak timer
- Tempered safety glass door
- Independent over temperature cutoff
- Online documenting to PC through Ethernet (for Intello series only)

GENERAL INCUBATOR with internal circulation
- Safety tempered inner glass door
- Internal circulating design ensures a high level of control accuracy and uniformity
- Over temperature safety protection & MCB

Clean Bench- Bio Hazard Type
- Class II type A2 clean bench provides antiseptic work conditions
- High performance special HEPA filters produce a class 100 clean environment
- LCD microprocessor based controller with filter change alarm
- Adjustable blower speed in 9 steps
- In-built timer for UV light

Steam Pot
- Ideal for Media digestion
- User settable Digital temperature controller cum timer
- Unique constant water level control device
- Hinged lid with assisted lift
- Low water cut off

Stirred Water Bath
- Excellent Control Accuracy of ±0.1ºC at 37ºC
- 5 lit to 28 lit capacity
- Wide choice of accessories including Platforms, Weight Rings, Concentric Rings, Gabled Lid etc.

Dry Bath (Incubator)
- Two temperature control segments
- Precise microprocessor control
- 32 characters alpha-numeric LCD display for temperature & time
- Timer range : upto 99 hr: 59 min
**Digital Ultrasonic Cleaner 2.5L**
- Frequency: 42kHz / 170W
- Heating power: 80W
- Radiator Fan: To enable continuous operation
- 5 steps digital timer

**Refrigerated Circulating-EQUIBATH - 6L**
- Temperature range: -10 to +120°C
- PID temperature controller with timer, alarm and over temperature protection
- Cooling capacity: 250W at 10°C
- Impeller type external circulation pump with 9 lit/min capacity

**Refrigerated Circulating-EQUIBATH - 20L**
- Temperature range: -10 to 120°C
- PID temperature controller with timer, alarm & over temperature protection
- Cooling capacity: 350W at 20°C
- Impeller type external circulation pump with 8 lit/min capacity

**Ultrasonic Bath**
- For critical cleaning, mixing, degassing applications
- High frequency: 53kHz
- Inbuilt heater - range upto 60°C
- Built in Timer

**Concentric Rings Bath - Thermostatic / Digital**
- Double walled full SS construction
- With water level indicator
- Drop on lid enables easy cleaning of bath
- Temperature range: Ambient +5°C to 100°C

**Acrylic Thermostatic - 5L Water Bath**
- Acrylic body for full Visibility of samples
- Special design body for ±0.5°C control accuracy
- Temperature range: upto 65°C
- Supplied with Thermometer & clip

**Serological Water Bath Digital**
- Double walled full SS construction with glasswool insulation
- Control accuracy of ±1°C at 37°C
- Temperature range: Ambient + 5 to 65°C
- Energy efficient tubular heater

**Anaerobic Culture Jar POLYCARBONATE**
- Strong Moulded transparent Jar
- Aluminium cast lid with heat cured expoy coating
- Supplied with Cold Catalyst & SS Petri Dish Carrier
Anaerobic Culture Jar - SS
Seamless Stainless Steel Body & Lid
Supplied with Cold Catalyst & SS Petri Dish Carrier
Semi Lucas type indication facility
Choice of two sizes Ø12x20 cm & Ø22x22 cm

Automatic Water Still
Automatic operation requiring no manual intervention
Distillation rate: 8 lit/hr
Built in 23 lit storage tank for distillate
Overheat protection for heater
Fitted with high efficiency pre-filter for raw water

Water Still - with Thermostatic cut-off
Full SS construction
Wall mountable or table top
Supplied with all accessories like flow rate meter, tubings, haffman clip, tap adapter etc.

Water Still
Eco friendly design
Ideal for small labs or stand by - 4 lit / 4 hrs
Auto shut off on water over
Connects to a 5 Amp wall socket

Colony Counter - GMP Model
Unique sensor pad on base ensure usage of any hard tipped marker pen for marking & counting
Digital count upto 9999

Hot Plate & Magnetic Stirrer
Digital & Analog model available
DC motor supports stable speed at the start and low heat emission
Plate temperature can be effectively controlled upto 300°C
Speed control from 100 to 1200rpm

Round Oil Bath - Clear Bottom
Clear Bottom - External Heater
PID Control upto 300°C with timer
Overshoot alarm for safety
Capacity 1 to 10 lit

Round Oil Bath - Immersion Series
Digital control
Cost effective solution
Stainless still Seamless bath chamber
Capacity 1 to 10 lit
**Rotary Vacuum Evaporator**
- Small foot-print
- Temp range upto 180°C
- Sparkless motor
- Option of six glass sets

**Vacuum Controller**
- Enhance Solvent recovery to > 90%
- Compatible with any lab vacuum source
- Digital display 1000 to 0 mbar
- Control accuracy ± 3 mbar

**Oil-free PTFE Diaphragm Vacuum Pump - 020**
- PTFE coated diaphragm
- Free air displacement: 22 lit/min
- Ultimate Vacuum: 20 mbar
- In / out nozzles of Ø9.5 mm

**Chilled Water Circulator 4L**
- CFC free hermetically sealed rotary compressor
- Temperature range: upto 0°C
- 15 lit/min pump at zero head
- 750 watts @15°C
- Compact size & with castors

**Chilled Water Circulator 25L**
- CFC free hermetically sealed rotary compressor
- Cooling capacity 2500 W at 15°C
- Reservoir capacity of approximately 25 lit

**Dressing Drums**
- Fully stainless steel
- Die punched burr free perforations
- Robust sliding & latching mechanism
- Polished crevice free interiors

**Coming soon...**
UV Sterilisation Cabinet
6 / 12 trays
Ideal for safe keeping of sterilised items
Powerful ultra violet tubeligt with wavelength of 253.7nm
Stainless steel trays of app dimension 260 x 190 x 12mm ht
Option of wall mounting

Slide Staining Assemblies
Full SS construction
Trough of 25 slides die pressed with loose lid
Rack slots die slotted for easy individual holding
Two sizes 10 & 25 slides

Test Tube Rack
Wide choice from Ø13 to Ø40mm
8 holes to 96 holes
Die punched burr free holes
Top & bottom perforated, bottom plain

Petri Plate Exposure Stand
Parallel / Inclined
Stackable with perforated top
Suitable for 1 petri plate with open lid
Size 200 x 110 x 300(ht) mm

ESR Blood Sedimentation Apparatus
Stainless steel base & Top
Rest moulded or coated with non corrosive material
Unique spring mechanism for Westergren permits single hand operation

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