



OPERATION THEATRE EQUIPMENT

NOISELESS SUCTION HIGH VACCUM



Powerful multipurpose high vacuum suction, Instant Vacuum, Precision regulator, Full Stainless Steel Construction, Good for different clinical/medical and surgical procedures. ¼ H.P. Motor working on 230 VAC

- Pump** : Noiseless Rotary Vane
- Bottles** : Two pcs, Glass (1.5 ltr.)
- Gauge** : 0-760mm Hg
- Capacity**: 710mmhg ±10
At 30-35 ltrs/min
- Noise** : 50dBA ± 3
Almost Whispers.

PORTABLE SUCTION



Instant Vacuum, Precision regulator, Fibre Body Cabinet, Good for different clinical/medical, wards, minor surgical procedures and home use for patients. ¼ H.P. Oil free Pump working on 230 VAC.

- Bottle** : One pc, Poly Jar (2 ltr.)
- Capacity**: 650mmhg ±10
At 25-30 ltrs/min

Also Available : Lipo Suction, Foot Suction, Slow Suction

AUTOClaves



Thick complete stainless steel (SS304) body, Fitted with easily replaceable Heater and Silicon Gasket, Double Safety Valve, Water Level Indicator to know water level.

Single Drum Autoclave:

- 12"x 12" with 2KW heater
- 16" x 14" with 2KW heater

Double Drum Autoclave:

- 12"x20" with 3KW heater
- 16"x24" with 4KW heater

Also available :

- Automatic Models with Digital Display of Temp
- Direct heating type Double Drum Autoclave
- Gas cum Electric

FOGGER with Digital Timer



Fogger generates high density fog with fine droplet size in the sub micron range, provides maximum trust, deep penetration and wide spread of aerosols ensuring effective and uniform treatment of ULV chemical being fogged, be it aerial fumigation/ fogging or surface treatment.

Motor Speed : 24000 RPM
Sterile areas ready for use within 2 hrs. Light Weight, portable, User Friendly. Disinfectants like **Ecoshield, Bacilocid, Incidur..etc..** can be used.

Speed of application saves time and permits the treatment to be made when convenient. No Side effects, irritation etc. No flooding of disinfectant on floor / surface. Supplied with 0-90min Digital Timer

LED SPOTLIGHT



Suitable for Examination in Labour Room/OPD or in Operation theatre if additional light is required. Single 15w Power LED Module, hence low power consumption. Sleek Design. Also available Wall Mount Clamp (optional) for wall mounting the light

- Light Intensity Variable
- White light, No Heat
- Flexible Gooseneck for Positioning
- Life more than 40000hrs
- Input Supply : 180 - 270Vac
- Mobile on Wheels, Sleek Design
- SS stand, Height Adjustable
- Lux more than 40000
- Colour temp 5500k

MULTIPURPOSE AEROSOL DISINFECTOR



Made of stainless steel with a strong heart - a centrifugal sealed type fractional motor. Good quality rubber and thermoplastic is used to ensure the durability and non corrosion of the equipment. Easy to use. Ideal for de - contamination of Operation theaters, wards of hospital, pharmaceutical labs, Production units, Animal houses, Poultry farms, Hatcheries, Egg storage and silk worm rearing houses in sericulture industries.

Motor Speed: 2960 rpm



*Empowering Healthcare
with Excellence since 1976*

GYNAECOLOGY
 PEDIATRIC EQUIPMENT
 NEONATAL
 SURGERY
 UROLOGY
 ORTHOPAEDIC
 PHYSIOTHERAPY
 OPERATION
 THEATRE
 SKIN DERMATOLOGY





SURGERY, UROLOGY & GYNAECOLOGY

ELECTROSURGICAL GENERATORS

GEM - Series of high performance surgical generators with most advanced technology delivers precise cutting and coagulation currents for all types of tissues



GEM 400B+



GEM 300



GEM 200



COMBISEAL

- Advanced Micro-controller based technology
- No need of stabilizer, specially designed SMPS Isolated RF output
- Auto Compensation Network, Minimum risk of burns under Patient return electrode
- Less charring and sparking, hence Precise and clean cutting
- Maintains the set power over wide range of tissue by sensing voltage, current, power, tissue density, Patient return electrode Monitoring and leakage RF current.
- Endo-cut modes available
- Vessel sealing upto 7mm

Cut Modes : Low, Pure CUT, Blend1, Blend2

Coag Modes : Spray, Fulgurate1, Fulgurate 2, Desiccate

Bipolar Modes : Micro, Macro, Standard, Bipolar Cut (Modes will vary depending upon the model)

Operating Frequency : 480Khz, Programs : Ten user settable
Input Supply : 160 - 270 Vac, 50/60Hz, Weight : less than 6Kgs

GALVOTOM SSEG 402



Fully Solid state design(MOSFET Technology). Most compact, portable and lightweight. Hand as well as foot operated for CUT and COAG. With Bipolar Cut and Coag. For all types of General surgeries, Ortho, Gynaec procedures. Provided with cooling fan.

Max. CUT power : 200w, Max. COAG Power : 120w
Max. Bipolar Power : 80w, Operating Frequency : 500Khz

NERVE STIMULATOR



NERVE STIMULATOR (LCD)



NERVE STIMULATOR (MINI)

Specifications For Mini model:

- 1] Selection switch for pulse
- 3] Output : 0 - 5.00 ma
- 5] Weight : approx. 1.5 KG

Nerve stimulation facilitates the performance of nerve and plexus blocks increasing their safety and reliability. The principle consists of triggering depolarizations with electrical pulses. Suitable for Stimulation during surgeries by Surgeons and for Blocks by Anesthesiologist.

Specifications For LCD model:

- 1] Display : Alphanumeric 16 X 2 LCD
- 2] Frequency : 1, 2, 5 Hz
- 3] Output : 0 - 5.00 ma
- 4] Modes : 21 Programs
- 5] Weight : approx. 2 KG

- 2] Frequency : 1 Hz
- 4] Pulse Duration : 0.1ms, 1ms

DIGITAL FETAL DOPPLER



- Build in microprocessor.
- Display to indicate BPM.
- HI & LO alarms @ 160 & 100 BPM (Led indication).
- Smooth volume control to adjust the audio level.
- Can be operated on battery as well as Mains supply.

Provided with detachable transducer probe with cable.
Detects fetal heart at 10-12 weeks for routine monitoring of fetal health, Light weight and provided with a carrying case

PORTABLE CRYO - SURGICAL SYSTEM



Used in Gynec., Surgery, ENT and Dermatology. Portable, simple & easy to operate. Silencer Model, Hand switch operated. Can be used with Nitrous Oxide & Carbon-dioxide. Painless and quick process. No Anesthesia essential. Available with various probe tips as per application

Also Available :

- Fetal Doppler • Handy Fetal Doppler • Cervical Cautery
- Bipolar Electro Surgical Unit

SKIN DERMATOLOGY

GYFRECATOR G-101 (ELECTRO SKIN CAUTERY)



Useful for Dermatologists, E.N.T, Surgeons, Gynecologists, Plastic Surgeons, Dental Surgeons The Gyfrecator is a Surgical Diathermy Unit. It produces a controlled electrical discharge of high frequency and high voltage, which selectively destroys tissue by the passage of electric current. It offers a choice of monopolar and bipolar currents.

Application: Ideal for instant use of coagulation. For Removal of warts, moles & Epilation.

RADIO FREQUENCY CAUTERY



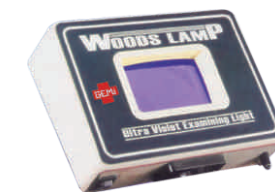
High Frequency Radio Surgery Unit consists of monopolar cutting, coagulation & Bipolar mode to treat wide variety of skin disorders with excellent Cosmetic results. Radio Surgery is a type of Electro-Surgery used to destruct the tissue for desired effect like cutting, coagulation by passing ultra high frequency radio waves in addition to fulgurating and desiccation.

Special Features: Minimum blood loss & Pain, Pressure free relaxed working, minimum heat without charring effect, Solid State circuit design.

Tech. Specs :

- Frequency : 2Mhz • Power : 80 w
- Modes : CUT, COAG, BLEND • Uni and Bipolar Operation

WOODS LAMP



Woods Lamp comes with twin UV tubes to induce fluorescence in Dermatoses and an additional extra white tube for magnification. Both the lights can be operated separately.

Examination of skin or hair with the Woods Lamp is a time trusted technique to aid in the clinical diagnosis of some cutaneous disorders.

Diagnostic Uses

- Tinea Captis • Erythrasama
- T.Versicolor • Pseudomonas infections • Pigmentary alteration

SHORTWAVE DIATHERMY



Aesthetic design, Digital Treatment timer, 5 step Intensity control, Cooling fan. Also available with Multi-position arms with Disc electrodes for setting the treatment position.

Technical Specification:

- Output Frequency : 27.12 Mhz
- Power Output : Cont : 250/500 w
Pulse : 500/1000w
- Wavelength : 11 meters
- Input Supply : 220-240V,50/60 Hz

Models Available:

- GALVOTHERM 250 (Table model)
- GALVOTHERM 500 (Trolley model)
- GALVOTHERM 500 (Cont cum Pulse) (Table model)
- GALVOTHERM 1000 (Cont cum Pulse) (Trolley model)

ULTRASOUND THERAPY



Micro-controller based, Designed to generate Ultrasonic waves for effective treatment of neuromuscular diseases with a combination of thermal and mechanical effect.

Features:

- 2 line LCD display
- 42 Pre defined programs
- Compact design, User friendly
- Easy to handle & Light weight Sound Head transducer.
- Also Available 1Mhz & 3Mhz unit

Technical Specification:

- Frequency : 1Mhz
- Modes : Cont., Pulse
3:4, 2:3, 1:2, 1:4, 1:8, 1:12
- Intensity : 0 - 2.5 w/cm²
- Timer : 0 - 99min.

CERVICAL CUM LUMBER TRACTION



Micocontroller based advanced design for **Static, Intermittent and Combi Traction**. Specially designed gear box and metal gears give long life to the equipment.

- Noiseless, reliable, durable heavy duty motor to pull the appropriate weight.
- Mode, Hold time, Rest time, Status, Timer on Big two line 16 x 2 LCD display

Technical Specification:

- Rest Time : 1, 5, 10, 15, 20, 25, 30 Sec
- Hold Time : 20, 30, 40, 50, 60, 70, 80, 90 Sec
- Traction Force : 5 - 45Kg & upto 90Kg. With Doubler

INTERFERENTIAL THERAPY UNIT (LCD)



- Micro-controller based
- 4 Line LCD Display
- Feather touch keys
- ABS Plastic shockproof cabinet
- 50 Predefined programs

Current modes : 4 Pole, 2 Pole, 4 Pole V90, 4 Pole V45, Russian
Display of all parameters on the screen during treatment.

Treatment Timer, Aesthetic look, Compact design, Light weight, Easy to use.

DIAGNOSTIC MUSCLE STIMULATOR WITH TNS (DSL-007)



- Micro-controller based
- 2 line LCD Display
- Feather touch keys
- ABS plastic shockproof body
- Aesthetic look, Compact design
- Light weight, Easy to use
- Treatment timer, Carrying case.

Current Modes : Faradic, Surge Faradic, Galvanic, Interrupted Galvanic, Tens (Continuous and Burst), Acupuncture. Can be used for Diagnostic as well as therapeutic purpose.

IFT + ULTRASOUND



- Micro-controller based
- IFT, ULTRASOUND
- 4 line LCD Display
- 29 Programs
- Aesthetic look, Compact design
- Light weight, Easy to use
- Treatment timer

Seven Current Modes :

2 Pole, 4 Pole, 4 Pole Vector 45 & 90, Russian Current, Continuous and Pulse Modes for Ultrasound

TENS (4 CHANNEL)



- Micro-controller based
- 4 Line LCD Display
- Frequency : 2 - 150Hz
- 20 Programs
- Compact design
- Light weight, Easy to use
- Treatment Timer

Modes Available: Cont., Burst, FM, PWM

Four channels, 8 pads to cover a larger area with separate intensity controls

MINI MUSCLE STIMULATOR (DIGITAL)



- Micro-controller based Compact Design
- Light Weight
- Treatment time: 0-99min (DIGITAL)
- 20 Pre-settled programs

Current modes available: Interrupted Galvanic, Faradic, Surge Faradic, TENS (optional)

CONTINUOUS PASSIVE MOTION



Specially designed. Sturdy solid construction of high torque motor for noise free operation. Thigh-length adjustment. Foam-padded leg placement seat with straps. Indicator for Up-Down movement. Patient Safety Switch.

Technical Specification:

- Flexion angle: 0 - 120
- Timer: 1- 60 min. (Digital)
- Delay time: 1 to 15 sec in steps of 5

LASER THERAPY



Laser Therapy is a form of phototherapy which involves the application of monochromatic light over biological tissue to improve ATP, protein synthesis, cell proliferation, pain relief, to increase serotonin and suppression of nociceptor action.

Features:

- Microcontroller Based, 4 Line LCD display
- 50 Pre-settled Programs, Wavelength : 650nm
- Continuous/Pulse modes, Power Output : 40mw
- A.B.S shock proof cabinet

Automatic calculation of dosing parameters for accuracy and therapy time, Clinical protocol programs. Special compact design for home visits, clinics & hospitals.

Also Available :

- Wax bath • Acupuncture Stimulator • Tens (SC, DC)
- Muscle Stimulator + Tens • Muscle Stimulator (DC)
- Shoulder Wheel • Multi Channel Stimulator

ABOUT US

We take great pride in introducing ourselves as one of the leading manufacturers of medical equipments, established in the year **1976**. Whole range of equipment is updated with the latest technology and they are very sophisticated to meet the need of today's highly technical world of medical science.

High quality product, innovative technology, dedicated teamwork, with more than **40 years** of experience and customer satisfaction have steadily built the company's success.

GEMi Brand has become trusted name & first choice of the Hospitals in private & Govt. Sector all over

Today **GALTRON - GEMi** is one of the leading companies in the field of healthcare in India, with its wide range of products & services catering to segments such as Surgery, Orthopedics, ENT, Gynaecology, Physiotherapy, Dermatology, Paediatrics, Dental, Opthal.

WARRANTY

All GEMi products carry the Manufacturers **WARRANTY** for a period of **ONE YEAR** except the Vacuum Tube, Sensor, Timer, Fan, Heater etc.

PROMPT SERVICE

We have a quality and trained service staff for prompt and efficient after sales-service. You can also avail of our Annual Maintenance Contract to ensure smooth performance of your electro medical equipment.

OUR RANGE OF PRODUCTS

- Electrosurgical unit • Fetal doppler • Fetal monitor • Suction
- Autoclaves • Ultrasound therapy • Shortwave diathermy
- Traction • CPM • Laser therapy • Tense • Muscle Stimulators
- Wax bath • Interferential therapy unit • Skin cautery • Baby warmers • Infant incubators • Phototherapy unit • Fogger

Manufactured & Marketed By.

GALTRON ELECTROMEDICAL PVT. LTD.

AN ISO 13485 : 2003 CERTIFIED COMPANY

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BABY WARMER



- Micro-controller based design
- Skin, Air and Manual Modes
- User friendly feather touch keys
- Safety alarms along with high temp. Cutoff
- 1" Big bright display to show Infant temp. and separate SET temp. Display
- Bar graph to indicate heater %
- Alarms and Timer
- Ceramic heater placed in a SS Reflector
- IV pole, Monitor tray

Easy access of an Infant from all sides due to clear acrylic collapsible side panels

Acrylic Baby Tray for infant's head Up / Down facility, Movable source box, Thick cushion mattress.

Available models :

- Micro-controller based warmer with fixed cradle (Skin/manual)
- Micro-controller based warmer with fixed cradle (Skin/Air/Manual)
- Micro-controller based warmer (Skin / Air / Manual) with 3 drawers
- Micro-controller based warmer with Phototherapy
- Micro-controller based warmer with Trolley

OXYGEN HOOD



ROUND :

- Single piece, Round Shape, made up of autoclavable Polycarbonate Material
- Trauma free Silicone neck (prevents direct flow of clod oxygen on patient's head.)

Available Sizes : (Round)

Unbreakable: Small, Medium & Large

PREMATURE BABY INCUBATOR



- Micro-controller based design
- Skin, Air and Manual Modes
- User friendly feather touch keys
- Safety alarms along with over temp. Cutoff
- 1" Big bright display to show Infant temperature and separate SET temp. Display
- Bar graph to indicate heater output
- Alarms and Timer
- Display to indicate Heater ON (percentage)
- Hygrometer

Easy access of an Infant from all sides with the help of Port holes Acrylic Baby Tray for infant's head Up / Down facility Humidifier Chamber. Transperant Acrylic Canopy, IV stand Facility, Inlets for Oxygen, IV and Respiator Probes & Electrodes, Mounted on Easy moving castors, with storage cabinet.

PHOTOTHERAPY UNIT



Phototherapy is a curative treatment in which light (wavelength 450-470nm) is used as curing tool. Hyperbilli Rubinia is a condition in new born infants where serum core or billirubin is disturbed hence requires phototherapy treatment.

Light energy in blue visible form is effective in treatment on hyper billirubinia of new born infants . Heavy duty mobile stand and easy swiveling of source box. Height adjustment facility.

Irradiance approx. 25-30mwatts/cm²/nm

Available versions: 2 ft tube based, CFL based, LED based phototherapy Time Totalizer (optional)

Available Models :

- Single surface phototherapy unit
- Single surface phototherapy unit with cradle
- Double surface phototherapy with Trolley
- Detachable Under surface source (can be used with Warmer) and a mobile trolley