

Endoprime Healthcare India Pvt. Ltd.



Tools, Machinery & Consumables





PADMASHRI AWARD

A FEATHER IN HIS CAP

Shri Surinder Mehta, being honoured with the Padma Shri, in the field of "Technology Solutions" by Her Excellency Smt. Pratibha Devi Singh Patil, President of India at Rashtrapati Bhawan on 31st March 2009

COMPANY PROFILE

Endoprime Healthcare India Private Limited, an ISO 9001:2015 & ISO 13484:2016 certified company was established on 9th September 2015 and commenced its activities in the field of Prosthetics and Orthotics (P&O) under its present name from the year 2018. It is a P&O manufacturing and rehabilitation Services Company focused on design, manufacture and supply of artificial limbs, orthopedic articles, prosthetic and orthotic products, components, appliances and associated equipment. It is managed by Board of Directors and has its Registered Office at Prime Group building, 3rd floor, 11/5-B, Pusa Road, New Delhi -110005. Padma Shri. Mr. Surinder Mehta, the Chairman, heads Prime Group of Companies of which Endoprime Healthcare India Private Limited is a part. His effort to introduce, adapt and diffuse hi-technology innovations in India led to “state of the art” technology in the Prosthetic & Orthotics field being brought into the Country. The day to day running of the Company is managed by Col B. B. Pande (Retd), Director. The Company has built its reputation through innovation, quality services and customer care.

Company Mission

To provide indigenously developed, reliable, cost effective, technologically superior Prosthetic & Orthotic products with technical & clinical support for the benefit of practitioners and patients in India and its neighboring countries

Company Philosophy

The Company is dedicated towards providing indigenously developed Prosthetic & Orthotic products and services of the highest quality and precision at reasonable cost for the benefit of Divyang population with the ultimate aim of bringing High Technology Prosthetic and Orthotic products and services within the reach of Small and Middle income group.

Aims & Objectives

The Company has the following aims & objectives:

- a) Carry on the business to manufacture, repair, maintain, assemble, import, export, produce, prepare, fabricate, assemble, alter, convert, buy and sell, all types of conventional, microprocessor controlled and robotic artificial limbs, eyes, legs,

other artificial parts of human body, prosthetic & orthotic appliances, (and to supply and provide all the above products to hospitals, research institutes, government agencies, dispensaries, dealers and distributors) and to establish and to set up prosthetic and orthotic fitting centres, hospitals and distribution centres in any manner including franchised centres.

- b) Carry on the business to manufacture, repair, maintain, assemble, import, export, produce, prepare, fabricate, assemble, alter, convert, buy and sell plants and machinery, consumables and accessories, assistive devices including crutches surgical belts, splints and other fracture appliances, rehabilitation aids and other goods for disabled related to manufacture and fitment of artificial limbs and to supply and provide all the above products to hospitals, research institutes, government agencies, dispensaries, dealers and distributors.
- c) To carry out research and development in respect of all prosthetic and orthotic appliances, assistive devices, consumables, plant and machineries and accessories and also acquire and absorb latest technology in the field of prosthetics and orthotics.

Product Range

The Company manufactures and provides the entire range of Prosthetic & Orthotic products for lower & upper extremities, tooling and machineries, consumables, mobility aids and associated equipment

Quality Assurance

The Company is an ISO 9001:2015/ ISO 13484:2016 compliant and products of the Company are CE certified. The products and services provided by the Company are of the highest standards.

Premises

The Company Head Office and manufacturing facility are both located in New Delhi



SPECIAL MACHINERIES

1. COMBINATION GRINDER

- Grinder cum Polisher with spindle.
- Grinding Stone: 20" dia fitted on left side.
- Shaft/Spindle: 2400mm. long, tapered, 5/8 threaded at the end.
- RPM: 2800rpm.
- Grinder Stand (optional): 30" height with inner side shelf.
- Weight: Approx 35Kg/Color: Ivory.
- Fitted with a Sanding drum & sleeve.
- Dimension : 73x30.5x31 cm (LxBxH)

Power	Phase	Volts	Weight
2HP	Single	220-240V	35 kg



EP-SM-01

2. AIR COMPRESSOR

- Tank Volume-70Ltrs.
- Max pressure 300psi
- Air displacement-8CFM
- No. of cylinders-two, Single Stage
- Heavy duty, fitted with air filter mounted on air reservoir-18"x36" (dia x length) with cap, chuck valve, pressure gauge, wheel valve, safety valve, drain plug and belt guard.
- Push button starter with auto pressure cut.
- Supplied with PU Air Hose Pipe: 10Mtrs. and nozzle gun.
- Weight: 45Kg/Colour: Ivory.
- Dimension : 31X36X15 cm (LxBxH)

Power	Phase	Volts	Weight
1HP	Single	220-240V	45 kg



EP-SM-02

3. DUST COLLECTOR (FOR LINISHER & ROUTER)

- Volume flow: 1500m³/H
- Wind speed: 20-25m/sec
- 100mm interface device for vacuum cleaner Single hose/ Double hose pipe
- Dimension : 107x71.5x182 (LxBxH)

Power	Phase	Volts	Weight
1HP	Single/3Phase	220-240V	65 kg



EP-SM-03/04

4. OSCILLATING SAW

- Power Supply: 220 Volts/5 Amps.
- Fitted with Depth Control Gauge.
- RPM: 25,000 approx
- Ergonomical design for easy handelling.
- Effective for Synthetic Plasters as well as usual POP.
- Maintenance free one year guarantee.

Phase	Volts	Oscillation / Min
Single	220-240V	25,000 approx



EP-SM-05

5. **HAND DRILL MACHINE**

- Drilling Dia : In 1-13mm,
- Power Input : 600W.
- Impact Rate : 48000 rpm.
- No load Speed: 0-2800rpm.

Power Input	Phase	Volts	Weight
600W	Single	220 - 240 V	1.5 kg



EP-SM-06

6. **HOT AIR GUN**

- Power Input: 2000W
- Temperature Range: 50°C. to 630°C.
- Airflow Rate: 250/300/500ltr./min.

Power Input	Phase	Volts	Weight	TEMP
1600 W	Single	220-240V	0.75 kg	50°C - 630°C



EP-SM-07

7. **HEAT PAN WATER HEATER FOR LOW TEMPERATURE THERMOPLASTIC SHEETS**

- The complete unit is a double walled construction.
- Made of stainless steel sheet both internally & externally.
- Digital Indicator cum Controller.
- Heating elements are so placed that the heating is uniform.
- Removable perforated tray with SS handles.
- Internal Size: 64x51x13 cm (LxBxH).
- Temperature range, upto 80°C.
- Dimension : 84x54x16 cm (LxBxH).

Temp Range	Phase	Volts	Weight
Upto 80°C.	Single	220-240V	15 kg



EP-SM-08

8. **HIGH VACUUM SUCTION UNIT FOR ORTHOTICS (THERMOPASTIC)**

- Displacment: 250Ltr. /min.
- Vacuum: 1×10^{-1} mbar.
- Pump rpm: 1440.
- Supplied with vacuum gauge, air filter, moisture trap & flexible hose.
- Equiped with moisture filter.
- Colour: Ivory.
- Dimension : 55x20x42 cm (LxBxH)

Power	Phase	Volts	Weight
1 HP	Single	220-240V	35 kg



EP-SM-09

9. SUCTION MACHINE FOR PROSTHETICS USE (DRAPING & LAMINATION)

- Housing : Spot Welded, Oven baked cabinet.
- Capacity : 700mm Hg± 20 regulable, Flutter free vacuum control knob, 45 Ltrs. / min.
- Pump Type : Double rotary vane pump.
- Jars : Wide mouthed 2x 2 Ltrs. (Polycarbonate) with self sealing bungs and mechanical over flow safety device.
- Tubing : 20 mm ID x2 mtr (PVC)
- Vacuum Gauge : Bourden type 20cm. Dia. 0-760mm Hg calibration.
- Noise Level : 50dB A± 3 Almost whispers.
- Dimension : 50x38x70 cms (LxBxH)

Power	Phase	Volts	Weight
1/2 HP	Single	220-240V	40 kg



EP-SM-10

10. JIG SAW

- Cutting Depth in Wood: 85mm.
- Stroke length: 23mm.
- No-load Stroke Rate: 500-3200rpm.

Power	Phase	Volts	Weight
580W	Single	220-240V	2.5 kg



EP-SM-11

11. LINISHER MACHINE (BELT SANDER)

- Heavy duty, all steel body power wated.
- Roller-150mm. (Rubber coated to reduce vibration)
- Having duct, hose at lower hood to extract dust.
- Upper roller bearing with vertical and tilting adjustment for sander belt alignment.
- Belt Dimension: 79"x4"(LxB).
- Colour: Ivory.
- Dimension : 57x74x157 cm (LxBxH)

Power	Phase	Volts	Weight
1 HP	Single/3Phase	220-240V	80 kg



EP-SM-12

12. ORTHOTIC STAND

- Specification: Mild Steel frame, 1200mm in height with platform for floor mounting.
- Suction Mandrel made of Mild steel heavy duty solid rod with 50mm. outer and 28mm. inner dia. attached with brass ball valve, mounted on frame.
- Five planes adjustable alignment zig with fixtures made of aluminum alloy.
- Frame weight: 25Kgs.



EP-SM-13

13. ORTHOTIC OVEN

- Double walled construction- inside chamber made of stainless steel and outside made of mild steel: painted with stove enamel.
- Controlled by a digital indicator cum controller.
- The instrument is provided with heavy duty strip heater.
- Supplied with reinforced steel tray.
- Heating is uniform all around through circulating fan.
- Toughened glass door with hydraulic control.
- Inside chamber size: 112x70x15 cm (LxBxH).
- Temperature range is upto 250°C.
- Colour: Ivory & Blue.
- Dimension : 110x87x64.5 cm (LxBxH)



EP-SM-14

Power Input	Phase	Volts	Weight
1 HP	Single/3Phase	220-240V	75 kg

14. PROSTHETIC OVEN

- Double walled construction- inside chamber made of stainless steel and outside made of mild steel: painted with stove enamel.
- The temperature is controlled by Digital Indicator cum Controller.
- Heating is uniform all around through circulating fans.
- Supplied with adjustable trays.
- Toughened glass window on the door.
- A digital timer along with an alarm system.
- Inside chamber size: - 24"x30"x20" (LxBxH)
- Temperature ranges is upto 300°C.
- Colour: Ivory & Blue.
- Dimension : 113x67x100 cm (LxBxH)



EP-SM-15

Power Input	Phase	Volts	Weight
5.5 W	Single/3Phase	220-240V	65 kg

15. PROSTHETIC & ORTHOTIC (COMBINED) OVEN

- The spare double walled, inside chamber made of stainless steel and outside made of mild steel painted with stove enamel.
- The temperature is controlled by digital indicator cum controller.
- Heating is uniform all around through high speed circulating fans.
- Supplied with trays and inside stand for drape frames.
- Toughened glass window on both the doors.
- A digital timer with an alarm system is provided.
- Temperature range is up to 300°C.
- Inside chamber size: Internal 38"x24"x30" (WxHXD).
- Power consumption: 5.5kw.
- Colour: Ivory & Blue.
- Dimension : 116.5x79x122 cm (LxBxH)



EP-SM-16

Power	Phase	Volts	Weight
5.5W	Single/3Phase	220-240V	90 kg

16. PILLAR DRILLING MACHINE

- 1" Capacity drilling machine fitted with four ball bearing heavy duty motor.
- ISI marked drill chuck, arbour and V belt.
- Adjustable drilling platform.
- 4 Drilling speeds.
- RPM: range 1440-2440
- Weight: Approx 60Kg./ Colour: Ivory.
- Dimension : 36x58x175 cm (LxBxH)

Power	Phase	Volts	Weight
2 HP	Single	220-240V	60 kg



EP-SM-17

17. INDUSTRIAL SEWING MACHINE (WITH STAND AND TABLE)

- Drive system: Manual foot treadle on stand/table and motorized.
- Stitch length 6 mm, capable of a speed of 1000 stitches per minute.
- Leather stitch master with foot rest.
- Heavy duty industrial sewing machine.
- Tempered critical parts, i.e., feed dog holder, feed fork, etc.
- Moterised version also available.



EP-SM-18

18. ROUTER WITH STAND

- Electrical connection only in connection with control unit with one 5/8" threaded bold.
- Speed: 0-2800 rpm with AC drive system.
- Break mechanism/without break mechanism.
- Stand made in MSS.

Power	Phase	Volts	RPM
3 HP	Single/3Phase	220-240V	0-2800



EP-SM-19

19. ROUTER ATTACHMENTS

- | | | |
|--|--|--|
| ● Sanding Drum
Size D72.5 XL200mm
Size D45 XL70mm
Size D25 XL45mm | ● Sanding Sleeve
Size D72.5 XL200mm
Size D45 XL70mm
Size D25 XL45mm | ● Rash Head
Size Φ 50 XL 60mm
Size Φ 36 XL 40mm
Size Φ 28 XL 82mm
Size Φ 40mm
Size Φ 60mm |
|--|--|--|



20. PARALLEL BAR

- | | |
|---|----------------------------------|
| ● Parallel bars have adjustable wooden girders. | ● Maximum length 4 meters. |
| ● The device is collapsible to create space. | ● Material: Stainless steel. |
| ● Mirror on request. | ● Height adjustment possibility. |

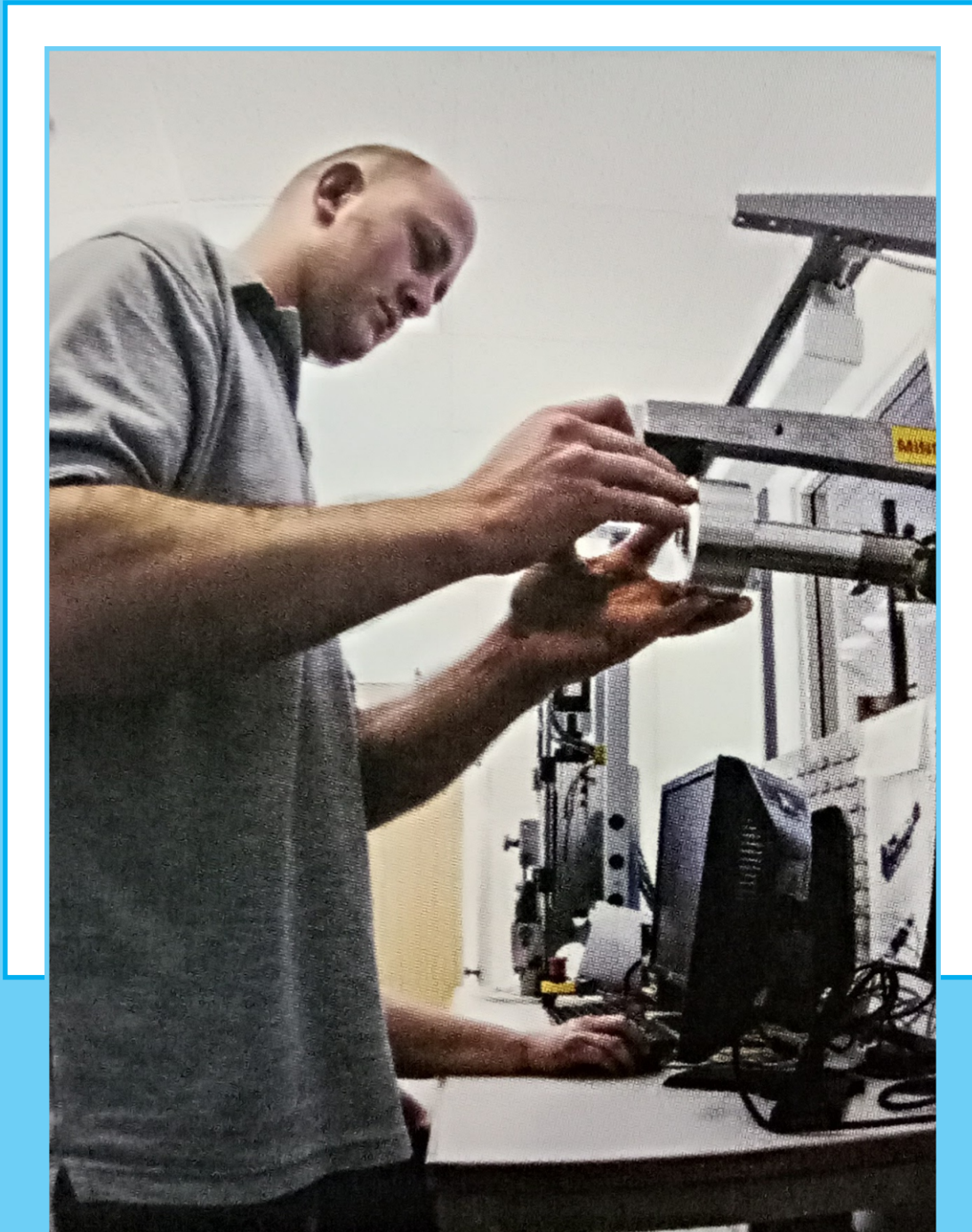


EP-SM-20

21. WORK BENCH

- | | |
|--------------------------------|----------------------|
| ● Size (WxDxH): 1500x850x800mm | ● Four drawer system |
| ● Peg board with tong holder | ● 50mm wooden top |





SPECIAL ENDOPRIME TOOLINGS

1. **OVEN GLOVES KEVLAR**

- Gives heat protection up to 350°F
- These 'one size fits all' gloves are soft, flexible and machine washable
- Tested to British Standards
- Made from 100% Kevlar Cotton
- Manufactured for Good Ideas. 2 Year Warranty.



939009

2. **ALIGNMENT SPANNER**

- Special tool for adjusting the alignment in case of single-bolt alignment system used in Endolite system.



940012

3. **PEG SPANNER SKT PLATE**

- Special tool to tighten the fit-kit ankle disarticulation and pyramid single bolt coupling.



940060

4. **ALIGNMENT TOOLS**

a. **WALL FRAME**

- Special tool used along with cast taper mandrel and cast wrap holder for cast alignment.



941104

b. **CAST TAPER MANDREL**

- Special tool used along with wall frame and cast wrap holder for cast alignment.



941105

c. **CAST WRAP HOLDER**

- Special tool used along with wall frame and cast taper mandrel for cast alignment.
 - Tran-Femoral (941106)
 - Trans-Tibial (941107)



d. **SOCKET ALIGNMENT MANDREL, TRANS-FEMORAL**

- Special tool used with wall frame and cast wrap holder for alignment cast alignment during filling knee Disarticulation and Ankle Disarticulation casts with POP.



941108

e. **FLATTENING CUTTER B/K**

- Special tool used to flatten the plastazote at the end of pelite liner for positioning of the dome former.



940408

f. CAST BUILD UP FORMER

- Special tool used to adjust the build height and the position of the former of appropriate alignment.
- Big one is used in Trans-Femoral cases where it provides alignment additional to fitting space for the knee alignment coupling and shrinkage of PP sheet.
 - Dummy knee (941109)
 - Small Dummy Knee (used with former 940637)



g. ALIGN MANDREL FOR PP CONTAINER

- Special tool used to hold the dummy knee on the wall frame for the alignment.



941113

h. MANDREL SUPPORT-SIDE ASSEMBLY

- Special tool attached to the pillar drilling machine to duplicate alignment to the liner maintained in wall frame while filling the mould.



941120

5. FORMERS

a. DRAPE FORMERS (THERMOPLASTIC)

- Special tool for providing accurate shape to the distal end of the thermoplastic socket.
- Used with single bolt alignment coupling.
- Comes in the following sizes :-
 - Trans-femoral (940636)
 - Small, Trans-femoral (940637)
 - Small, Trans-tibial (940638)
 - Small, Knee disarticulation (940639)
 - Knee disarticulation (940647)



b. LAMINATION FORMERS (THERMO SETTING)

- Standard Transfemoral (940673)
- Standard Transtibial (940675)
- Small Transtibial (940676)



6. CAST EQUIPMENT

a. DRAPE TABLES

- Small (Trans-tibial & Trans-femoral) (941129)
- Large (Trans-femoral & Hip disarticulation) (941131)
- Drape Table (Hip Disarticulation) (941183)
- Stem for Drape tables (941133)



b. CAST SUPPORT TAPER

- Special tool used with vertical cast holder and twin vacuum post to hold the mould in place for preparation of the liner or lamination.



941110

c. VERTICAL CAST HOLDER SUPPORT

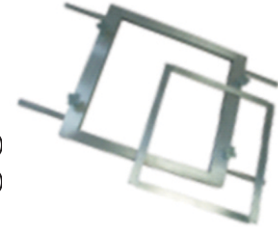
- Special tool used with cast socket support taper for preparation of the liner.
- To be used with cast support taper (941110)



941112

d. DRAPE FRAMES

- Special tool used for Drape moulding for PP sheet.
 - 342mm sq. (941114)
 - 305 mm sq. (941117)
 - 406 mm sq. (941118)
 - 420 x 460 mm (941119)
 - Spacer (Used with 941114) (941174)
 - Spacer (Used with 941117) (941175)
 - Spacer (Used with 941118) (941176)
 - Spacer (Used with 941119) (941177)



e. VACCU M PSOT FOR LAMINATING

- Special tool used with cast support taper for lamination of the socket (TF/TT).
- To be used with cast support taper (941110)



941158

f. VACCU M BENCH FOR DRAPING

- Special bench which comprises of the components used for drape molding over Trans-Femoral and Trans-Tibial moulds.
- Comprises of:-
 - Drape Table /Small (941129)
 - Drape Table /Large (941131)
 - Stem for Drape Table (2 No. s) (941133)
 - Bench



941503

7. GENERAL TOOLS

a. MULTIFLEX ANKLE ASSEMBLY JIG

- Special tool for changing the ball joint assembly of Multiflex ankle.



941125

b. MULTIFLEX ANKLE EXTRACTOR CUP, UNIVERSAL

- Special tool used with Multiflex ankle fixture assembly to extract the ball from Multiflex ankle.



941241

c. SNUBBER ASSEMBLY TOOL

- Multiflex Ankle Snubber Assembly Tool (941127)
- Navigator Ankle Snubber Assembly Tool (940083)



941127

d. CUTTING JIGS

- Special tool to cut the 30 or 35 mm pylon.
 - 35mm dia tube (941216)
 - 30mm dia tube (941237)
- Elite blade and Javelin cutting jig (941255)
- Elite blade VT cutting jig (941256)



941216-941237



941255- Elite blade and Javelin Cutting jig



941256- Elite blade VT cutting



HAND TOOLS

1. **APPARATUS BENDING BRACE**

- Tool for bending the orthotic uprights and conforming it to the profile of the patient.
- It comes with different rollers for different sizes of uprights.



EP-HT-01

2. **AP/ML CALLIPERS**

- Tool to measure AP and ML measurements while taking casting.
 - Trans-Tibial (EIL-HT-02)
 - Trans-Femoral (EIL-HT-03)



EP-HT-02

3. **DRAW KNIFE**

- Tool used in modification room for cast modification.



EP-HT-07

4. **M-L CALIPER (ORTHOTICS)**

- Tool to measure Mediolateral dimensions for orthotic lower limb and spinal patients before casting.



EP-HT-08

5. **LASER LINER**

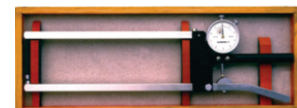
- Equipment to be used to mark and check the bench alignment.
- Working Range: upto 32ft.
- Working Environment: designed for indoor use.
- Leveling Accuracy: +/-2/4-in @ 30ft.
- Line Accuracy: +/-3/32-in end to end @ 20' perpendicular distance.
- Leveling Type: Pendulum Self Leveling, +/-4 deg. In any direction.
- Laser Diode: Two 635-670mm.
- Laser Class: Class 2M.
- Batteries: 3 "AA" Alkaline Batteries.
- Battery Life: upto 60 hours of intermittent use.



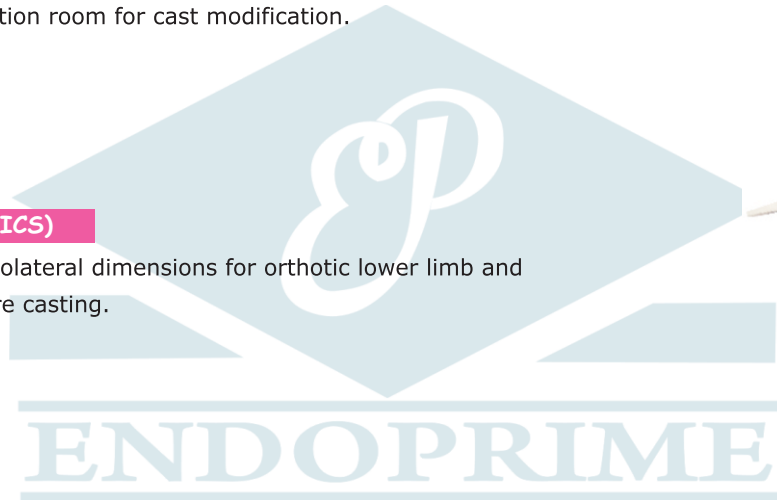
EP-HT-11

6. **THICKNESS GAUGE (Pistol Calliper PC-1)**

- Tool to measure the thickness of the socket.



EP-HT-12



7. **TORQUE WRENCH**

- Tool to tighten all the screws and bolts of the prosthesis to their desired torque unit.

8. **TORQUE WRENCH ADAPTOR KIT**

- These are the adapters of the Torque wrench.
 - 3/8" Driver Hex Bit Socket (4MM) (EIL-HT-15)
 - 3/8" Driver Hex Bit Socket (5MM) (EIL-HT-16)
 - 3/8" Driver Hex Bit Socket (6MM) (EIL-HT-17)
 - 3/8" Driver Hex Bit Socket (8MM) (EIL-HT-18)
 - 3/8" Driver Extension Bar (6") (EIL-HT-19)
 - 3/8" Driver Extension Bar (12") (EIL-HT-20)



EP-HT-13

9. **MODIFICATION PIPE VICE**

- Device to use in modification room to hold the nylon mandrel in place of the modification vice.



EP-HT-80

10. **BENDING FORKS**

- Tool used in work bench for bending and shaping orthotic uprights as per the profile.
 - (4-6) 265 mm (ZYB1001-4-6MM)
 - (6.5-8) 265 mm (ZYB1001-6.5-8MM)
 - (7-9) 265 mm (ZYB1001-7-9MM)



11. **GENERAL HAND TOOLS**

- **ALLEN KEY SET**



EP-HT-27

- **ANVIL**



EP-HT-28

- **BENCH VISE (4"6")**



EP-HT-30/31

- **NYLON MANDREL**



EP-HT-22

- **CHISEL (SMALL, BIG)**



EP-HT-34/35

- **BENT NOSE CIRCLIP**



EP-HT-38

- RATCHET HANDLE WITH



EP-HT-39

- DRILL BITS



EP-HT-41

- FILES (HALF ROUND, ROUND, FLAT)



EP-HT-42/43/44

- HAMMER (200gm, 500gm)



EP-HT-46/47

- HOLE SAW CUTTER ($\frac{3}{4}$ " , 1" , 1 $\frac{1}{4}$ ")



EP-HT-48/49/50

- CENTRE PUNCH



EP-HT-33

- HEAVY DUTY KNIFE

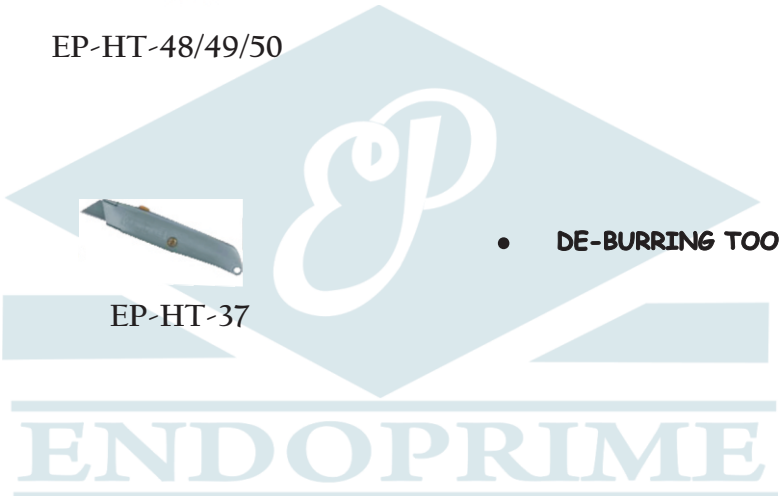


EP-HT-37

- DE-BURRING TOOL



EP-HT-40



- HACKSAW FRAME



EP-HT-45

- NUT DRIVER (4mm, 6mm)



EP-HT-51

- MULTIPURPOSE GRIPPER



- PLIER



EP-HT-52

- POLISHING WHEEL



EP-HT-53

- RIVET CUTTER



EP-HT-55

- REVOLVING LEATHER PUNCH



EP-HT-56

- SCREW DRIVER SET



EP-HT-57

- STEEL SCALE 60CM



EP-HT-58

- SCISSORS - BIG



EP-HT-61

- SILICONE CUTTING SCISSORS



EP-HT-62

- SCISSORS FOR LTTTP SHEET



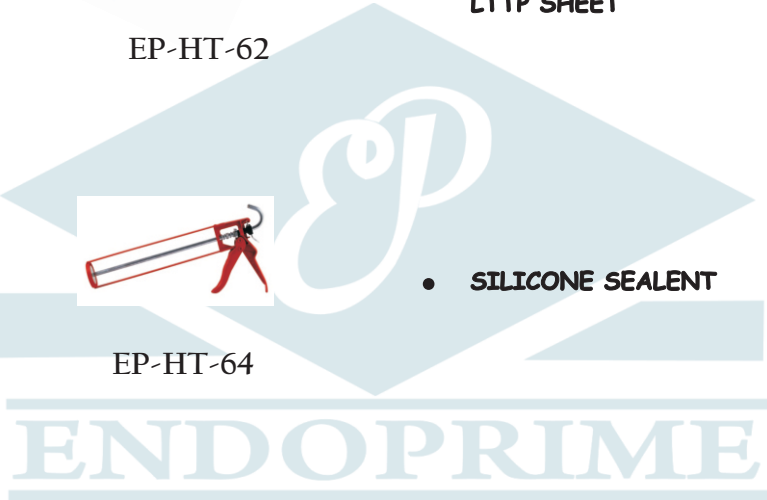
EP-HT-63

- SILICONE DISPENSING GUN



EP-HT-64

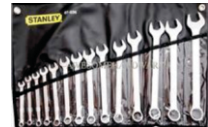
- SILICONE SEALANT



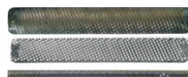
- SURFORM FILES (FLAT, HALF ROUND, AND ROUND)



- SPANNER SET



- SURFORM BLADE (FLAT, HALF ROUND, AND ROUND)



- RUBBER BOWLS (SMALL, MEDIUM, LARGE)



- SPATULA



EP-HT-73

- SHOE HORN-METALLIC



EP-HT-74

- T-HANDLE ALLEN KEY SET 1.5 MM10 MM WITH STAND



EP-HT-75

- MALLET HAMMER



EP-HT-76

- INSIDE CALLIPER



EP-HT-78

- OUTSIDE CALLIPER



EP-HT-79

- COBBLER HAMMER



EP-HT-82

- RIVETTING BAR



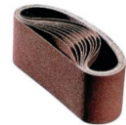
EP-HT-86



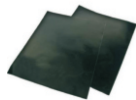
- LOCTITE 222/243



- LINESHER BELT



- TEFLON SHEET



- OSCILLATING SAW CUTTER BLADE





Consumables



CONSUMABLES

1. THERMOPLASTIC MATERIAL

a) PE-HWV

Polymer	High Density Polyethylene (HDPE)	
Properties	Tighter and stiffer than PE-W	
	Optimized shrinkage for orthotic and prosthetic applications	
	Good resistance against a lot of acids, alkali and solvents	
Dimensions (mm)	305sq,343sq,406sq	1000x1200sq
Sheet Thickness (mm)	12mm,15mm	4mm,5mm,6mm
Colors	Natural	
Antibacterial grade	Yes	
Processing temperature [C]	160-180	
Heating Time	36 min	
Welding	Excellent self - welding	
Application	Outer socket , Orthotic applications	



b) PE-W

Polymer	Low Density Polyethylene (LDPE)	
Properties	High Flexibility	
	Lower stiffness than PE-HWV	
	Good resistance against a lot of acids, alkali and solvents	
Dimensions (mm)	305sq; 343sq; 406sq	
Sheet Thickness (mm)	6mm	
Colors	Natural (Translucent)	
Antibacterial grade	No	
Processing temperature [C]	125-130	
Heating Time	25min	
Welding	Low adhesion	
Application	Inner Flexible socket	



c) EVA

Polymer	SIMOLIFE EVA Flex	SIMOLIFE EVA Superflex
Properties	Flexible	Highly Flexible
	Excellent Thermoformable	Excellent Thermoformable
	Low shrinkage	Low shrinkage
Dimensions (mm)	400x400 (2000x1000)	400x400
Sheet Thickness (mm)	3,4,6,8,9,10,12,16	6,9,10,12,15
Colors	Natural (Translucent)	Natural (Translucent)
	skin colored (6,8,9,10,12mm)	
Antibacterial grade	Available on request	Available on request



d) PP-C

Polymer	Poypropylene Block Copolymer (PP-B)
Properties	Higher impact strength Suitable down to -50
	Good resistance against a lot of acids, alkali and solvents
	Biological compatibility
Dimensions (mm)	2000 x 1000
Sheet Thickness (mm)	2,3,4,5,6
Colors	Natural (Translucent)
Antibacterial grade	No



2. THERMOSETTING MATERIAL

ACRYLIC RESINS AND HARDENER

- a) **RESACRYL Laminating Resin 80:20 Semi-rigid Acrylic Casting Resin.** Transparent, thermoplastic skin-friendly, can be mixed with all other **RESACRYL** acrylic resins. Curing by means of approx. 1 – 3 % hardener powder

Product	Quantity
30710046	4.6 Kg



Resin Color Paste

Product	Quantity	Color
31200225	250 g	Skin
31201025	250 g	Brown
31201125	250 g	Caucasian



SKIN



BROWN



CAUCASIAN

- b) **RESACRYL Carbon Resin Rigid Acrylic Casting Resin.** RESACRYL carbon resin is about 10% thinner than BKF laminate resin 80:20 and especially de-signed for the processing of carbon fibres, i.e. for top quality casting resin parts, which require extraordinary high stability and which are mainly made of carbon fibres. Curing by means of approx. 1 – 3 % hardener powder.

Product	Quantity
30730046	4.6 Kg



- c) **RESACRYL Sealing Rigid Acrylic Sealing Resin.** RESACRYL Sealing is used for example for bonding acrylic, wooden and PUR-rigid foam parts, for sealing leather and laminating very hard parts. Can be mixed with all other **RESACRYL** resins. Curing by means of 1 – 3 % hardener powder, depending on the purpose it is possible to achieve fast cure times!

Product	Quantity
30700046	4.6 Kg



d) RESACRYL Hardener Powder: For curing Resacryl Resins. Available in 150gm and 300gm.

Product	Quantity
30740150	150 g



3. POLYURETHANE FOAM MATERIALS

a) ORFOAM 200

- Mould construction foam for deep-drawn models, to manufacture cosmetic cove-rings in prosthesis construction, etc.

Product	Quantity
30800046	4.6 Kg



b) ORFOAM 300

- Mould construction foam for deep-drawn models, to manufacture cosmetic cove-rings in prosthesis construction, etc. Available in packs of 0.9 kg, 2.3 kg and 4.6 kg

Product	Quantity
30810046	4.6 Kg



c) ORFOAM 700

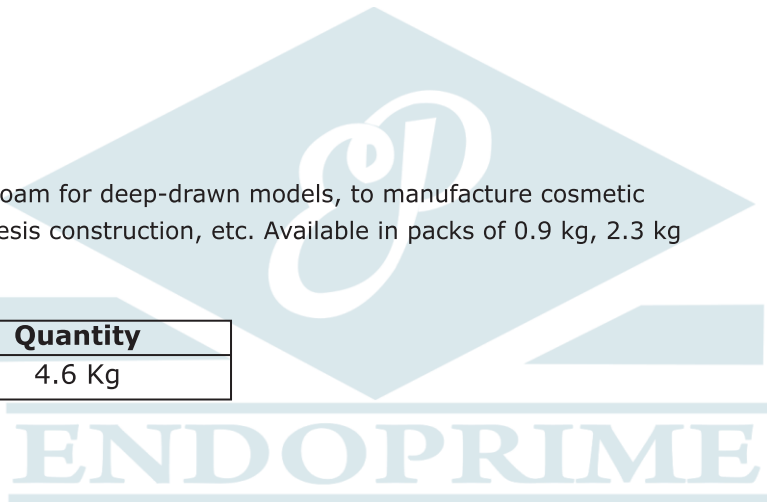
- Impact and nail-resistant rigid foam, especially for orthopedic shoe lasts and shoe forms as well as positive moulds in the entire orthopedic range.

Product	Quantity
30820046	4.6 Kg



d) HARDENER Component B For all rigid foams

Product	Quantity
30830046	4.6Kg

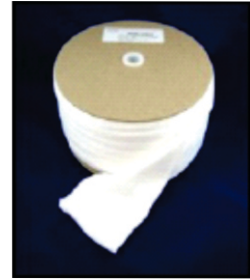


4. REINFORCING MATERIALS

a) PERLON

- Commonly used as first layer and last layer of a standard lamination as it gives a finer finish.

Product code	Width	Quantity
30900008	8cm	1 Kg Roll
30900010	10cm	1 Kg Roll
30900012	12cm	1 Kg Roll
30900015	15cm	1 Kg Roll



b) CARBON FIBRE

- Commonly used for very thin walled but very strong lightweight laminates, made from 100% carbon fibre.
- The orientation of fibres makes it ideal for the forces in a prosthetic socket.
- Products with a 6 in the code are 6K carbon and with a 12 are 12K- 6 being the thinner.
- Lengths are measured when the fibres are 45 degrees.

6 K (Medium Weight)

Product code	Width	Quantity	Length in mtr/kg
30450808	80mm	1 Kg Roll	9.3 mtr
30450810	100mm	1 Kg Roll	7.2 mtr
30450812	125mm	1 Kg Roll	6.3 mtr



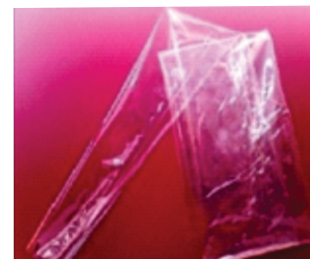
12 K (Heavy Weight)

Product code	Width	Quantity	Length in mtr/kg
30430812	125mm	1 Kg Roll	3.7 mtr
30430815	150mm	1 Kg Roll	3.3 mtr
30430820	200mm	1 Kg Roll	2.3 mtr

c) PVA BAGS

- For isolating plaster casts/ other materials when laminating over.
- High gloss finish.

Product code	Size	Units x package
30640004	4" (5 x 10 x 100 cm)	20
30640006	6" (5 x 15 x 100 cm)	20
30640008	8" (5 x 20 x 100 cm)	20
30640010	10" (5 x 25 x 100 cm)	20
30640012	12" (35 x 30 x 100 cm)	20
30640014	14" (5 x 30 x 100 cm)	20



d) **DRAPE SOCKS**



e) **TUBIGRIP-10 METER ROLL**

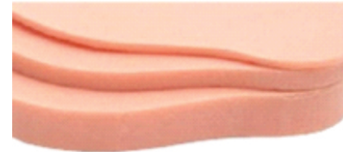
- 100mm
- 120mm



5. **PADDING MATERIALS**

a) **PLASTOZOTE**

- Density 33kg/m³.
- Thermo plastically moldable at 110°C.
- Suitable for the production of soft liner sockets.
- Sizes:- 1000 x 500 mm
- Thickness :-
 - 27mm



b) **POLYFOAM (Pe-lite)**

- Density 140kg/m³.
- Thermo plastically moldable at 130°C.
- Suitable for the production of soft liner sockets.
- Sizes:- 1000x1000mm
- Thickness :-
 - 2mm
 - 3mm
 - 4mm
 - 5mm
 - 6mm



c) **COLORFUL EVA**

- Colours :-
 - Blue
 - Multicolor
 - Sapphire blue
 - Green Perforated
 - Sapphire Perforated
 - Yellow Perforated
 - Green
 - Yellow
 - Blue Perforated
 - Orange Perforated
 - Skin color Perforated
- Sizes :- 1000x1000mm
- Thickness :-
 - 3mm



6. **CASTING SUPPLES**

a) **STOCKINETTE**

- AK 10 Meter Roll - 15mm wide
- BK 10 Meter Roll - 10mm wide



b) **BODY STOCKINETTE**

- 350mm wide



c) **POP BANDAGES**

- 100 mm
- 150 mm



d) **CLING FILM**



6. ACCESSORIES

a) D-RING WITH PLASTIC BUCKLE

- 1"
- 1.5"



b) ORTHOTIC STRAP

- 1"
- 1.5"



c) PRESS BUTTONS

- Small
- Large



d) KNEE CAP

- Medium
- Large



e) COMBI SOCKS

- Small
- Medium
- Large



f) VELCRO (HOOK AND LOOP)

- Skin color (25 meter Roll)
 - i. 1"
 - ii. 1.5"
- White Color (25 meter Roll)
 - i. 1"
 - ii. 1.5"



g) RIVETS

- Aluminum Rivets (1 Kg)
 - i. 1/8
 - ii. 5/32
- Copper Rivets (1 Kg)
 - i. 1/8
 - ii. 5/32





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