

**BRAND INDIA ENGINEERING  
E-CATALOGUE**

Date: 31-01-2025

# MITRA INDUSTRIES PVT. LTD

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Mitra Industries Pvt. Ltd is a leading company manufacturing Renal and Transfusion Services products in India. Mitra is the only manufacturer in India for Highly specialized CAPD Fluids, Bags and Accessories/Equipment for home dialysis CAPD bags like 4 GYP, APD-Automated Peritoneal Dialysis, Tri-Choice, Mnob-Novel one bag system etc. for easy to use home dialysis solutions for patients with severe kidney failure for removing waste products from the blood. Mitra Blood Bags are known for quality and offer donor comfort redefined needle, Tamper evident outlet ports, Ribbed safety hub provide excellent traction control at time of insertion, Winged needle cover etc. Mitra also provides all types of Blood Transfusion Filters M-1 to remove Leukocytes (WBC) from the blood components. Blood Bank Equipment like M-BCM, m-Seal, M-Stripper, M-SP, M-DP etc. are widely used. Mitra Industries Pvt. Ltd provides complete solution to Blood Banks right from blood collection to transfusion with 100% safety features. At Mitra, we strive to bring in Ease to use lifecare solutions at affordable cost.

## Products Description

### MITRA CAPD BAGS-4GYP, Tri-Choice

Product Category

Consumables

Product Sub-Category

CAPD Fluids & Bags

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Technical Details

Peritoneal dialysis fluid is a sugar (Dextrose) solution containing other electrolytes, available in three strengths (1.5, 2.5 and 4.25%) i.e. of low, medium concentration and higher concentration. The CAPD Bags and the system is designed for Patients Medical Safety, Consistent Good Results, Satisfaction and Affordability.

ITC HS Codes

901890

Certification/ Standard

ISO 13485

Issuing Agency

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Date of Issue

11-03-2019

Date of Expiry

End Use Sectors

Dialysis

Product Images



**MITRA**  
Experience Peace of Mind

*Preserve Residual Kidney Function*

*Preserve Peritoneal Membrane*

*Preserve "The Patient"*

**PROLONG LIFE OF PERITONEUM**  
with  
**TRI-CHOICE**  
Multichamber Low GDP Bag for Peritoneal Dialysis



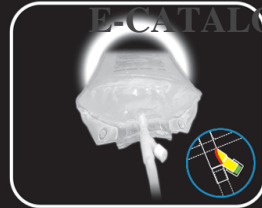
**MITRA**  
Experience Peace of Mind

**TRI-CHOICE**  
Multichamber Low GDP Bag for  
Peritoneal Dialysis

**CHOICE FOR LONG TERM PD...**

- Preserves membrane and immune cell function
- Enhances Peritoneal Bio-compatibility
- No Infusion Pain
- Absolute patient comfort for those using Dialysis of more than one concentrations
- User friendly - Convenient to store and handle
- Ensures Long Life of Peritoneum
- Suitable for Long Term PD benefit

**BRAND INDIA ENGINEERING**

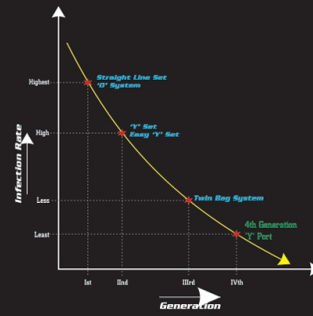




Improve your  
Quality of Life

With 4<sup>th</sup> Generation  
**CAPD SYSTEM**

**MITRA**  
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- In other system during manufacturing , improper sealing between the two ports may lead to micro defects, but 4GYP has only one port.
- By virtue of their different contraction and expansion coefficient of the latex pillow (in green) and the surrounding PVC, gaps may arise between the two during the process of molding. An extra barrier (in red) in 4GYP prevents direct contact with the potential gaps around the latex and the PD solution as can occur in other connectivity.
- The vacuum (in yellow) in the 4GYP port is an additional barrier for migration of infection into PD fluid.

**CAPD**

...4th generation **Y PORT**

**MITRA Automated Peritoneal Dialysis System**

Product Category

Consumables

Product Sub-Category

Automated CAPD

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Technical Details

Automated Peritoneal Dialysis System is advanced technology for quality life of patient to perform Peritoneal Dialysis at night. Easy to use touch screen interface, pre-attach tubing & drain bag( 100% sterile & closed system), unique emergency STOP, which re-starts from the stop sequence, portable & compact in design, Height adjustable stand for various patient position options, data management etc. Temperature Control for Fluid to use in Cold Climatic Conditions.

ITC HS Codes

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End Use Sectors

Product Images



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**mCYCLER APD-II**  
Automated Peritoneal Dialysis System

**Design**

- Portable & Compact
- Height adjustable stand for various patient position options

**Advanced Technology**

- Integrated heating system for cold climatic conditions
- Easy to use Touch Screen interface

**Safety by Function**

- Pre-attach tubing & drain bag (100% sterile & closed system)
- Unique emergency STOP, which re-starts from the stop sequence

**Data Management**

- USB flash drive compliant (Transfer/visualize patient exchange data on desktop)

Dialysis

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**APD CYCLER**



**Freedom from Manual Exchange  
Give Freedom of Time to your patient...**

- » Integrated heating system for cold climatic conditions.
- » Pre attached tubing & drain Bag (100% sterile & closed system).
- » Portable and compact system.
- » Patient Exchange Data management via USB flash drive.
- » Easy to use touch screen interface.
- » Comes with height adjustable stand.

**MITRA Blood Bags-Leukodepletion Filter**

Product Category	Consumables
Product Sub-Category	Blood Bags &
Technical Details	Blood Bags with donor comfortable needle, Tamper evident outlet ports, Ribbed safety hub provides excellent traction control at time of insertion and Winged needle cover. Mitra also provides all types of Blood Transfusion Filters M-1 to remove Leukocytes (WBC) from the blood components. Leukodepletion Filter is intended for pre-storage leukodepletion the unique soft flexible housing is ideal material for in-line filtration, with no risk of damage to the bags. Single step sterilization of the complete system (bags & filter), Ease of use during processing, short filtration time 20-30 minutes, 100% close system with complete sterility, Intended for use by gravity at R.T. 20deg. C - 24deg. C. High quality products for safe & efficient blood collection & processing. ISO, CE, GMP, WHO GMP Certified Products.
ITC HS Codes	901890
Certification/ Standard	ISO 13485
Issuing Agency	---
Date of Issue	11-03-2019
Date of Expiry	11-03-2022
End Use Sectors	Hospitals, Nursing Homes, Medical Teaching Institutions, Blood Banks.

**BRAND INDIA ENGINEERING**

HIGH QUALITY PRODUCTS FOR SAFE & EFFICIENT BLOOD COLLECTION & PROCESSING

**E-CATALOGUE**

Product Images

**1<sup>st</sup> Care for your Health Care Worker**

Mitra Blood Bag comes with a safety shield, which avoids needle stick injury. It has been studied that health care workers are at a risk for infections with blood borne pathogens resulting from occupational exposures to blood through percutaneous injuries.

**2<sup>nd</sup> Care for your Donor**

Quality modified needles for less pain.

**3<sup>rd</sup> Care for Recipient**

Pre donation sampling bag to eliminate bacterial infection, Skin particles and dust Particles.

**Also available with the Safety Cap**

A lid adapter attached to the blood sampling arm. The photoresistor can fit the required number of blood collection tube.

**Preserve all Components With Mitra 100% Safety Seal**

- Platelet Five (5) days storage
- RBC Forty Two (42) days storage with SAG-M
- Fresh Frozen Plasma (FFP) one year storage



\*References  
1. International Health Care Worker Safety Center (IHCWC), Uniform needle stick and sharp-object injury report 1999, 88 hospitals, Am Exposure Prev 3:215-19  
2. Mc Cormick RL, Mack DG (1987). Epidemiology of needle-stick injuries in hospital personnel

**Care for Health Care Worker**

Mitra Blood Bag comes with a safety shield, which avoids needle stick injury. It has been studied that health care workers are at a risk for infections with blood borne pathogens resulting from occupational exposures to blood through percutaneous injuries.

**Care for Donor**

Quality modified needles for less pain.

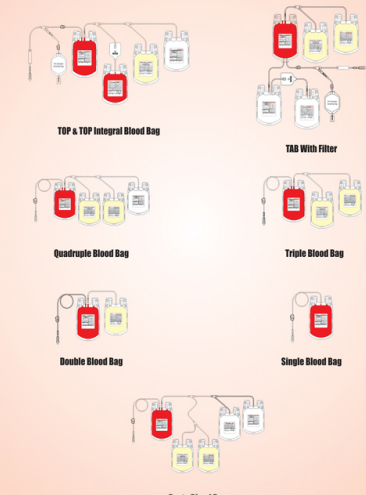
**Care for Recipient**

Pre donation sampling bag to eliminate bacterial infection, Skin particles and dust Particles.

**Also available with the Safety Cap**

A lid adapter attached to the blood sampling arm. The photoresistor can fit the required number of blood collection tube.

**MITRA**  
Experience Peace of Mind



**TOP & TOP Integral Blood Bag**

**TAB With Filter**

**Quadruple Blood Bag**

**Triple Blood Bag**

**Double Blood Bag**

**Single Blood Bag**

**Penta Blood Bag**

**MITRA Blood Collection Monitor**

Product Category  
Product Sub-Category  
Technical Details

Instruments & Appliance  
Instruments & Appliance

M-BCM Blood Collection Monitor is a “microcontroller” based system which collects, monitors and mixes the blood with anti-coagulant in the blood bag. User friendly menu for easy operation, Tarring of bag weight before collection. Automatic storage and recall of last donation, suitable for all type of bags, Light weight & compact, Collection volume display in both ml & gms . Automatic closer of clamp during PAUSE with continuous tray movement.

ITC HS Codes

901890

## BRAND INDIA ENGINEERING E-CATALOGUE

Certification/ Standard

ISO 13485

Issuing Agency

Date of Issue

Date of Expiry

End Use Sectors

Product Images



hospitals and Blood Banks.



## BRAND INDIA ENGINEERING E-CATALOGUE

### MITRA RF Tube Sealer

Product Category

Instruments & Appliance

Product Sub-Category

Instruments & Appliance

Technical Details

M-Seal BS-RF Tube Sealer is bench-top instrument which gives uninterrupted sealing by switching over to battery support during sudden power failure. It gives more than 1200 seals. High sealing capacity makes it suitable for outdoor blood donation camps and in-house donations. Key Technical Benefits the Machine offers are : Automatic switch over to battery support during power failure. Short sealing time. In-built battery charger with fast charging time. Hermetic snap-apart user friendly sealing.

ITC HS Codes

901890

Certification/ Standard

ISO 13485

Issuing Agency

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Date of Issue

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End Use Sectors

Product Images



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**M-SEAL**  
MITRA RF TUBE SEALER

- Light weight, portable has a compact design.
- With splash guard, provided to protect from splashing.
- Automatically triggers sealing with the help of sensor.
- Short sealing time.
- Easy separation of tube system.
- No compressed air requirement.
- No warm up time.
- User friendly with ergonomical design.
- Carry box for the easy transportation.

Input power supply	220V AC 50Hz 5A
Sealing suitability/applicability	Blood Bag tube
Sealing time	0.5-2 Sec.
RF output frequency	40.68 Mhz
Inbuilt fuse	4A main supply AC
Mechanical size	W=3.4" H=8.2" L=12.9"
Weight	Approx = 4 kg

### MITRA Double/Single Pan Balance

Product Category

Instruments & Appliance

Product Sub-Category

Instruments & Appliance

Technical Details

MDP & MSP Balances are "Micro Controller" based precise balance system for Blood Bags. The System is Load Cell based and gives precise volume and weight in milliliters and grams of the blood and blood components on backlit 4line alphanumeric LCD Display Panel.



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ITC HS Codes 901890  
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 Product Images



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# MDP

DOUBLE PAN BALANCE

Load cell capacity	2500 grams
Weight sensor	Load cell
Weight display panel	Back light 4 line alphanumeric LCD display for better visibility indicates the weight difference of each pan
Indication Lamp	LCD display message after equal balance
Weight Difference display	LCD display with each pan weight difference
Calibration	Auto calibration
Accuracy (each pan)	Weight calibration tolerance : ±2 gm.
Power source	220-240V AC 50Hz
weight	Approx 3 kg
Temperature characteristics	Operating : 0–30°C Storage : 0–40°C



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# MLSP

BLOOD COMPONENT BALANCE

Load cell capacity	1200 grams
Weight sensor	Load cell
Weight display panel	Back light 4 line alphanumeric LCD display for better visibility
Indication Lamp	LCD display message LCD display in ml/gms
Calibration and Taring	Auto
Accuracy	Weight calibration tolerance : ±1 gm. Total accuracy of display : ±1 gm.
Power source	220-240V AC 50Hz
weight	Approx 3 kg
Temperature characteristics	Operating : 0–30°C Storage : 0–40°C

## BRAND INDIA ENGINEERING E-CATALOGUE

Product Category	Instruments & Appliance
Product Sub-Category	Instruments & Appliance
Technical Details	3-in-1 Device - Stripper, Cutter and Manual Tube Sealer for Blood Bags. Light Weight and Spring Powered Handle Handy Skid Proof Design.
ITC HS Codes	901890
Certification/ Standard	ISO 13485
Issuing Agency	---
Date of Issue	11.02.2019
Date of Expiry	
End Use Sectors	
Product Images	



Sectors of Interest	Hospitals, Nursing Homes, Medical Teaching Institutions, Nephrologists, Blood Banks, Dialysis Centers, Home Dialysis etc.
Is After Sales Service Provider?	Yes
Importance of niche products	CAPD Bags: In patients with severe kidney failure waste products accumulate, making them feel ill. Dialysis is needed in such patients to remove waste products from the blood. CAPD is home dialysis. It takes less than 30 minutes each time and is very simple, painless procedure. BLOOD Bags with highly donor comfort redefined needle with winged cover, Tamper evident outlet ports, Ribbed safety hub provide excellent traction control at time of insertion. Blood Bank Equipment provide complete solution to Blood Banks right from blood collection to transfusion with 100% safety features.
Potential market of niche products	Hospitals, Nursing Homes, Medical Teaching Institutions, Nephrologists, Blood Banks, Dialysis Centers, Home Dialysis users etc.
Product Supply Record	We export our products in Asian, Middle East, African, Latin America, Russia and CIS Countries.



## BRAND INDIA ENGINEERING E-CATALOGUE

Patented Technologies

Our company have patented for: Double Winged Needle Cap- Patent No. 225356, Y Medication port for the transfusion and perfusion - Patent No. 225357, Soft Filter with three sheet system – Patent No. 233172, System for automated aseptic fusion and connection tubes – Patent No. 263370. There are many other IP registered and pending.

Awards/Accolades

Nil