



EQUIPMENTS PVT. LTD.

- ISO 9001:2015
- ISO 13485:2016
- OHSAS ISO 45001:2018
- CE

# Biomedical Waste Management Products

PRODUCT CATALOG

## ARVS EQUIPMENTS PRIVATE LIMITED

We specialize in

- Needle Cum Syringe Hub Destroyers
- Waste Bins
- Cardboard Safety Boxes
- Waste Collection Bags
- Sharps Containers
- Waste Segregation Trolleys
- Biomedical Liquid Waste Treatment
- Autoclavable Bags

[www.sharpsandwastecontainers.com](http://www.sharpsandwastecontainers.com)

# Bio-Medical Waste Categories & Segregation

## As Per SCHEDULE-I, Bio Medical Waste Rules 2016

Category	Type of Waste
<b>Yellow</b>	<p>(a) Human tissues, organs, body parts and fetus below the viability period (as per the Medical Termination of Pregnancy Act 1971, amended from time to time).</p> <hr/> <p>(b) Experimental animal carcasses, body parts, organs, tissues, including the waste generated from animals used in experiments or testing in veterinary hospitals or colleges or animal houses.</p> <hr/> <p>(c) Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs and bags containing residual or discarded blood and blood components.</p> <hr/> <p>(d) Pharmaceutical waste like antibiotics, cytotoxic drugs including all items contaminated with cytotoxic drugs along with glass or plastic ampoules, vials etc.</p> <hr/> <p>(e) Chemicals used in production of biological and used or discarded disinfectants.</p> <hr/> <p>(f) Liquid waste generated due to use of chemicals in production of biological and used or discarded disinfectants, Silver X-ray film developing liquid, discarded Formalin, infected secretions, aspirated body fluids, liquid from laboratories and floor washings, cleaning, house-keeping and disinfecting activities etc.</p> <hr/> <p>(g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.</p> <hr/> <p>(h) Blood bags, Laboratory cultures, stocks or specimens of microorganisms, live or attenuated vaccines, human and animal cell cultures used in research, industrial laboratories, production of biological, residual toxins, dishes and devices used for cultures.</p>
<b>Red</b>	<p>Wastes generated from disposable items such as tubing, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles and fixed needle syringes) and vacutainers with their needles cut) and gloves.</p>
<b>White (Translucent)</b>	<p>Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes both used, discarded and contaminated metal sharps.</p>
<b>Blue</b>	<p>(a) Broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes.</p> <p>(b) Metallic Body Implants</p>



# Need of Biomedical Waste Management

## - An Emerging Issue

The problem of bio-medical waste disposal in the hospitals and other healthcare establishments has become an issue of increasing concern, prompting hospital administration to seek new ways of scientific, safe and cost effective management of the waste, and keeping their personnel informed about the advances in this area. The need of proper hospital waste management system is of prime importance and is an essential component of quality assurance in hospitals.

Medical care is vital for our life and health, but the waste generated from medical activities represents a real problem of living nature and human world. Improper management of waste generated in health care facilities causes a direct health impact on the community, the health care workers and on the environment.

Some hospitals are disposing off waste in a haphazard, improper and indiscriminate manner. Lack of segregation practices, results in mixing of hospital wastes with general waste making the whole waste stream hazardous.

Inappropriate segregation ultimately results in an incorrect method of waste disposal. Inadequate Bio-Medical waste management thus will cause environmental pollution, unpleasant smell, growth and multiplication of vectors like insects, rodents and worms and may lead to the transmission of diseases like typhoid, cholera, hepatitis and AIDS through injuries from syringes and needles contaminated with human.

Various communicable diseases, which spread through water, sweat, blood, body fluids and contaminated organs, are important to be prevented. The Bio Medical Waste scattered in and around the hospitals invites flies, insects, rodents, cats and dogs that are responsible for the spread of diseases like plague and rabies. Rag pickers in the hospital, sorting out the garbage are at a risk of getting tetanus and HIV infections. The recycling of disposable syringes, needles, IV sets and other article like glass bottles without proper sterilization are responsible for Hepatitis, HIV, and other viral diseases. It becomes primary responsibility of Health administrators to manage hospital waste in most safe and eco-friendly manner.

## Distribution Network

To serve our esteemed clientele, we have a wide presence spanning throughout India and abroad. To further increase our service levels we leverage on our Distribution Network so as to provide us the last mile connectivity with our clients. This also helps us to understand the local market needs and equips us with efficient IT and logistics system.



THE MOST ECONOMICAL & LONG LIFE.

# Needle Cum Syringe Hub Destroyer



## NIL-SHARPS

### Product Description

- Destroys Syringe Hub & Needle in Single Action
- Stops Reuse of Needles and Syringes
- Saves Healthcare Professional from Needle Stick Injuries.
- No Electricity Required.
- No Burning, No Fumes
- No Noise, No Smell

MODEL	CAPACITY
NIL SHARPS 0.8 LT (SS)	0.8 Ltr.
NIL SHARPS 0.8 LT (PC)	0.8 Ltr.
NIL SHARPS 1.2 LT	1.2 Ltr.
NIL SHARPS 3 LT	3 Ltr.
NIL SHARPS 5 LT	5 Ltr.



Those who have it, are proud of it,  
those who Buy Now, wonder how  
they managed without it!

Syringe Hub & Needle  
Destroyer 0.8 Litres SS

PATENT NO. 266378



Polycarbonate Body



Nil-Sharps 1.2 LT

Nil-Sharps 3 LT



THE MOST ECONOMICAL & LONG LIFE.

# Needle Cum Syringe Hub Cutter



## MANUAL NEEDLE CUM HUB CUTTER

### Product Description

- Destroys Syringe Hub & Needle in Single Action
- Autoclavable container
- Stops Reuse of Needles and Syringes
- Saves Healthcare Professional from Needle Stick Injuries.
- No Electricity Required.
- No Noise, No Smell

MODEL	CAPACITY
Needle Cutter 1.2 Lt	1.2 Ltr.

## NEEDLE CUTTER ABS



### Product Description

- Body made of ABS Plastic
- Syringe Hub & Needle gets cut off by a sharp blade by pulling the handle.
- Separate holes for inserting Needle & Syringe hub.
- No electricity required
- Economical & Reusable

MODEL	CAPACITY
Needle Cutter ABS	0.5 Ltr.



ARVS SHARPS CONTAINERS

# H Series



**Product Description**

- Most economical Sharps Waste Containers
- Meet Biomedical Waste norms
- Solid and stable shape
- Puncture resistant
- Ergonomic handle
- No emission of any harmful gasses during incineration
- Provision for Pole / Trolley / Wall mounting
- Temporary closure easy to activate
- Permanent closing facility
- Maximum filling level indicator
- Translucent
- Indents for needles removal

## H 0.8 LT

Wide opening for Sharps waste disposal of any kind ▼



Temporary closure ▼



Provision for mounting ▼



MODEL	CAPACITY
H 0.8 LT	0.8 Ltr.

Available in White colour



## H 3 LT

Wide opening and indents for needle's removal ▼



Temporary closure ▼



Permanent closure ▼

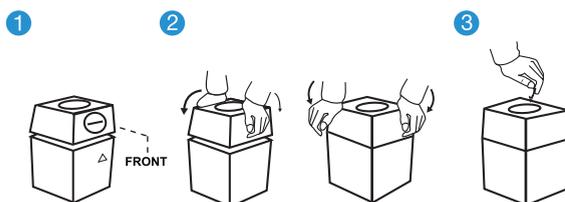


MODEL	CAPACITY
H 3 LT	3 Ltr.

Available in White & Blue colour



**Instructions:**



**Supports:**



Horizontal fixing system



Vertical fixing system



EQUIPMENTS PVT. LTD.

ARVS SHARPS CONTAINERS

# Eco Series



**Product Description**

- Ergonomic Handle
- Solid and stable shape
- Temporary and permanent closure facility easy to activate
- Translucent container
- No emission of any harmful gasses during the incineration process

- Maximum filling level indicator
- Puncture resistant
- Meets Biomedical Waste Norms
- Most Economical Sharp Waste containers.
- Indents for Needle Removal

## ECO 1.2 LT

Wide opening and indents for needle's removal

Permanent closure



MODEL	CAPACITY
ECO 1.2 LT	1.2 Ltr.

Available in White colour



## ECO 5 LT

Wide opening and indents for needle's removal

Permanent closure

Pole / Trolley / Wall mounting provision



MODEL	CAPACITY
ECO 5 LT	5 Ltr.

Available in White & Blue colour

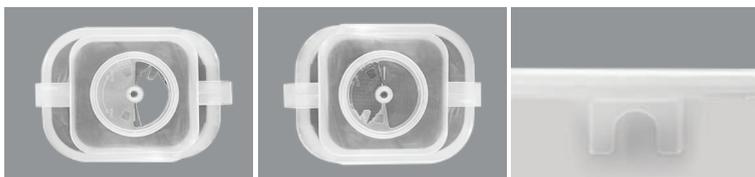


## ECO 7.5 LT

Wide opening and indents for needle's removal

Permanent closure

Pole / Trolley / Wall mounting provision



MODEL	CAPACITY
ECO 7.5 LT	7.5 Ltr.

Available in White & Blue colour



ARVS SHARPS SAFETY BOXES



## ARVS CARDBOARD SAFETY BOXES

### Product Description

- Made of rigid board material
- Wide opening for inserting sharp waste.
- Sharps aperture to receive Syringes, Needle Assemblies of all standard sizes and other sharps such as contaminated, broken or discarded glass including medicine vials and ampoules.
- Possible to close and seal the aperture any time during use.
- Stable, spill proof & damage resistant.
- Pictorial instructions for assembly and usage.

MODEL	CAPACITY
ARVS CARDBOARD SAFETY BOX 5 LT	5 Ltr.
ARVS CARDBOARD SAFETY BOX 10 LT	10 Ltr.
ARVS CARDBOARD SAFETY BOX 20 LT	20 Ltr.

Available in Blue & Yellow colour



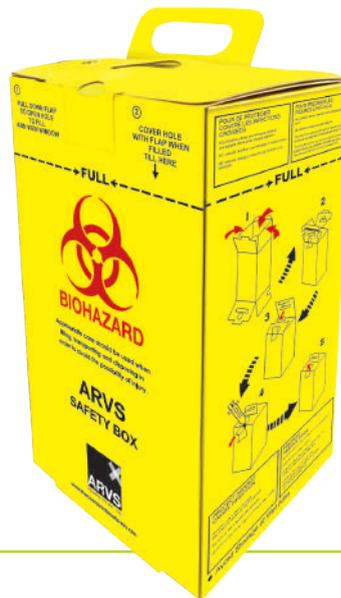
Lifting Handle



Maximum filling line marking



**3 Ply Cardboard Safety Box with Plastic Handle**

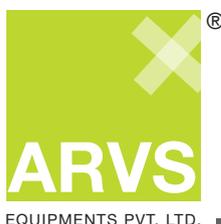
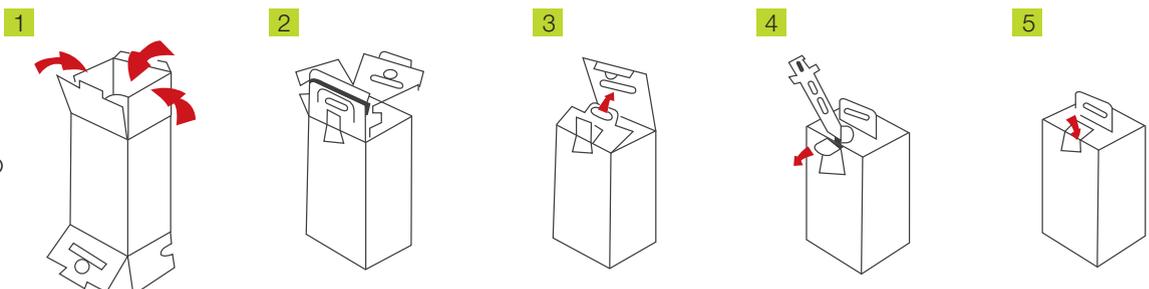


**Cardboard Safety Box (Craft Material)**



**Hexagon Cardboard Safety Box**

Pictorial instructions for assembly and usage.



ARVS WASTE SEGREGATION SYSTEM

# Waste Segregation Trolley



## WASTE SEGREGATION TROLLEYS (STAINLESS STEEL)

### Product Description

- One, Two, three and four compartment waste segregation system.
- Stainless steel trolley on castors.
- Foot operating system for opening of lid.
- Bins can be interchanged as and when required.
- The bins comply UN and NFX standards of safety.
- Autoclave-able and environment friendly, reusable plastic bins as per BMW colour coding.
- Available Bin Sizes 30 Ltrs & 60 Ltrs



MODEL	CAPACITY
WST 30 SS	30 Ltr.
WST 60 SS	60 Ltr.

Available in Red, Blue, Yellow, White, Green & Black colour



## WASTE SEGREGATION TROLLEYS (MILD STEEL)



### Product Description

- One, Two, three and four compartment waste segregation system.
- Mild Steel powder coated trolley on castors.
- Foot operating system for opening of lid.
- Bins can be interchanged as and when required.
- The bins comply UN and NFX standards of safety.
- Autoclave-able and environment friendly, reusable plastic bins as per BMW colour coding.
- Available Bin Sizes 30 Ltrs & 60 Ltrs

MODEL	CAPACITY
WST 30 MS	30 Ltr.
WST 60 MS	60 Ltr.

Available in Red, Blue, Yellow, White, Green & Black colour



ARVS WASTE SEGREGATION SYSTEM

# Waste Segregation Trolley



## WASTE SEGREGATION TROLLEYS (15 P)

**Product Description**

- Mobile Plastic Trolley with each plastic bin capacity of 15 Ltrs.
- One, Two, Three and Four compartment trolley.
- Foot operated for hands free opening of lid.
- Leak proof and rust free.
- Bins can be interchanged as and when required.
- The compartments in the trolley are attached to each other with in-built lockable hooks, the same ensures ease of use to the end user.
- Available with & without wheels.
- Wheels optional.



MODEL	CAPACITY
WASTE SEGREGATION TROLLEYS (15 P)	15 Ltr. each bin

Available in Red, Blue, Yellow, Translucent, Green & Black colour



## WST-MINI



**Product Description**

- Made of Durable Virgin Plastic material.
- Very useful as can be kept at patient BED Side.
- Liners can be mounted / fixed on inner bins
- With Foot pedal for hands free operation
- Each bin capacity 5 Ltr
- Available in Two, Three and Four Bins sets

MODEL	CAPACITY
WST MINI	5 Ltr. each bin

Available in Red, Blue, Yellow Green & Black colour



ARVS WASTE SEGREGATION SYSTEM

# Waste Segregation Trolley



## WASTE SEGREGATION TROLLEYS - ECO SERIES (STAINLESS STEEL)

### Product Description

- Two, Three and Four Compartment waste segregation system.
- Frame made of stainless steel.
- Foot operating system for opening of lid.
- Bins can be interchanged as and when required.
- Available Sizes 10 Ltrs & 30 Ltrs each bin.
- Available in with/without wheels option.

MODEL	CAPACITY
WST 10 ECO	10 Ltr. each bin
WST 30 ECO	30 Ltr. each bin

Available in Red, Blue, Yellow, White, Green & Black colour



## WASTE SEGREGATION TROLLEYS (STAINLESS STEEL)

### Product Description

- Three and Four Compartment waste segregation system.
- Frame made of stainless steel.
- Foot operating system for opening of lid.
- Bins can be interchanged as and when required.
- Inner Bucket with handle for easy transportation.
- Compact unit, size each bin 15 Ltrs.
- Available in with Wheels and without Wheels options.

MODEL	CAPACITY
WST SS	15 Ltr. each bin

Available in Red, Blue, Yellow, White, Green & Black colour



# ARVS Utility Trolley



## UTILITY TROLLEY (STAINLESS STEEL)

### Product Description

- Stainless Steel Trolley on Castors.
- For collection from different points.
- Foldable side wall for easy loading / unloading
- Loading capacity 400 Ltr
- Stainless Steel handle for comfortable handling by end user.
- Wheels with braking facility
- Complete stainless steel body ensures long life.
- Ergonomic design.
- Suitable for both indoor / outdoor application.

MODEL	CAPACITY
UTILITY TROLLEY SS	400 Ltr.

## UTILITY TROLLEY (MILD STEEL)

### Product Description

- Mild Steel Trolley on Castors.
- For collection from different points.
- Loading capacity 400 Ltr
- Mild Steel handle for comfortable handling by end user.
- Wheels with braking facility
- Complete mild steel body ensures long life.
- Ergonomic design.
- Suitable for both indoor / outdoor application.

MODEL	CAPACITY
UTILITY TROLLEY MS	400 Ltr.



## ROUND TROLLEY / LINEN TROLLEY

### Product Description

- Trolley on Castors.
- Suitable for Indoor Application.
- Ideal for transportation of soiled linen
- Stainless steel frame
- Liner made of rexine material
- Wheels
- Capacity 60 Ltr

MODEL	CAPACITY
LINEN TROLLEY	60 Ltr.



ARVS

# Wringer Trolley

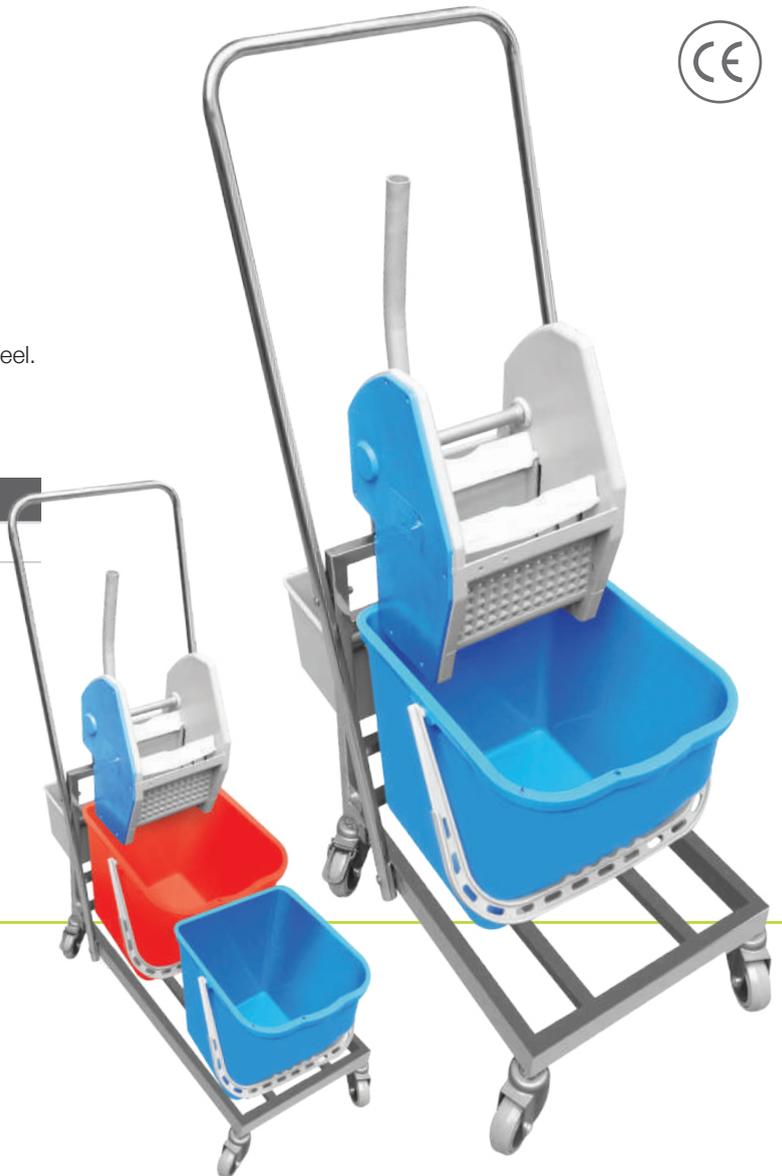
## WRINGER TROLLEY

### Product Description

- One, two and three bin options available.
- Long handle for easy handling.
- High quality down press wringer for easy squeezing.
- Comes with a utility bin and mop holder.
- The entire frame of the trolley is made up of stainless steel.
- The bucket capacity is 25 Litres each.
- Lockable wheels.

MODEL	CAPACITY
WRINGER TROLLEY	25 Ltr. each bin

Available in Red & Blue colour



## WRINGER TROLLEY

### Product Description

- One, two and three bin options available.
- Long handle for easy handling.
- High quality down press wringer for easy squeezing.
- Base made up of high performance, sturdy and durable plastic.
- The bucket capacity is 20 Litres & 25 Litres each.
- Lockable wheels.

MODEL	CAPACITY
WRINGER TROLLEY	20 Ltr. & 25 Ltr. each bin

Available in Red, Blue, Yellow colour



ARVS WASTE SEGREGATION BINS

# Waste Bins With Foot Pedal



## WB 10 ECO & WB 30 ECO

**Product Description**

- Made up of heavy duty plastic material
- Foot Pedal for hands free opening of lid
- Washable and Durable
- Wide mouth for easy entry of waste
- Leak proof, rust free.
- Suitable for indoor and outdoor application
- Capacity 10 Ltr

MODEL	CAPACITY
WB 10 ECO	10 Ltr.
WB 30 ECO	30 Ltr.

Available in Red, Blue, Yellow, Green & Black colour



## WB (F) 15

**Product Description**

- Made up of eco-friendly plastic material.
- Foot pedal for hands free opening of lid.
- The foot pedal mechanism is designed in such a way that when the foot pedal is pressed the inner bin lifts resulting in opening of the bin.
- Washable and durable.
- Wide mouth of easy entry of waste.
- Leak proof, rust-free.
- Suitable for indoor application.
- Capacity 15 Ltr

MODEL	CAPACITY
WB (F) 15	15 Ltr.

Available in Red, Blue, Yellow, Green & Black colour



# Waste Bins With/Without Foot Pedal & Wheels

## WB-30 & WB-60

### Product Description

- Washable / Autoclavable
- Lateral and central handles tested for twice the max weight.
- Solidity & resistance against shock at both low and high temp.
- High Penetration resistance.
- The bins comply UN and NFX standards of safety.

MODEL	CAPACITY
WB 30	30 Ltr.
WB 60	60 Ltr.

Available in Red, Blue, Yellow, Green & Black colour



## OPEN BIN / SWING BIN (PLASTIC)

### Product Description

- Made up of eco-friendly plastic material.
- Color coding options available.
- Stable Design.
- Open Bins are deal for areas with lesser waste load.
- The swing lid is fixed with the main lid in such a way that the main lid can be opened at any time for unloading the waste.

MODEL	CAPACITY
OPEN BIN	10 Ltr.
SWING BIN	10 Ltr.

Available in Red, Blue, Yellow, Green & Black colour



## WB-120

### Product Description

- Suitable for Indoor / Outdoor collection of Waste
- Made of HDPE
- Foot Pedal for hands free opening & closing of lid.
- Wheels & Handle for easy movement of waste bin
- Shock & Penetration resistant
- Easy segregation of waste through color coding.
- Washable and UV resistant.

MODEL	CAPACITY
WB 120	120 Ltr.



Available in Red, Blue, Yellow, Green & Black colour



EQUIPMENTS PVT. LTD.

BIOMEDICAL LIQUID WASTE TREATMENT SYSTEM

# HYPOMIX35



## MANUAL BIO MEDICAL LIQUID WASTE TREATMENT SYSTEM

**Product Description**

- Infectious Liquid Medical Waste Treatment System
- Manual Functioning
- Capacity 35 Litres
- Options to treat different levels of liquid waste using combination of 10% Sodium Hypochlorite Solution and UV Sterilisation
- Body and Tanks Made up of Heavy Duty, Highly Durable & Rust Free Plastic
- Inbuilt Washing Bay
- Level Indicators for Liquid Waste and Sodium HypoChlorite Solution
- Treatment of infectious liquid medical waste in compliance to CPCB Guidelines



**Maintenance Free**



**User Manual Supplied in 2 languages**

**2 IN 1 Treatment**     **2 in 1 Treatment with NaClO and UV Sterilisation**



**Compact Equipment**



MODEL	CAPACITY
HYPOMIX35 - 35 LITER MANUAL	35 Ltr.

**The Equipment treats and disposes of hospital liquid waste as per Biomedical Waste Management Rules 2016 and CPCB Guidelines, Govt. of India.**



BIOMEDICAL LIQUID WASTE TREATMENT SYSTEM

# Hypogermished Automatic System



## AUTOMATIC BIO MEDICAL LIQUID WASTE TREATMENT SYSTEM

### Product Description

- Fully Automatic Liquid Waste Treatment System with manual operating mode.
- Continuous treatment cycle to ensure uninterrupted working with an option to treat any level of liquid waste manually.
- PLC based touch screen LCD display to operate equipment.
- Functions like starting the cycle, dispensing sodium hypochlorite solution, drainage etc. are automatically performed by the equipment.
- Data logging using USB 2.0.
- The equipment gives print ticket with cycle data for record keeping.
- User login is protected by a pass code.
- pH Level monitoring.
- Audio visual alarms for low / full levels of hypochlorite solution, full level for treatment and storage tanks.
- Tested for efficacy by Shriram Institute for Industrial Research, New Delhi with 99.99% efficacy.



**Regular Maintenance Visit**



**End User Training**



**Installation Done by Trained Professionals**



**Compact Equipment**



Touch screen LCD display

MODEL	CAPACITY
HYPOGERMISHED 150 LITER	150 Ltr.

**The Equipment treats and disposes of hospital liquid waste as per Biomedical Waste Management Rules 2016 and CPCB Guidelines, Govt. of India.**



ARVS

# Hospital Waste Collection Bag



## STEAM AUTOCLAVABLE BAG

### Product Description

- Steam Autoclavable at upto 135° C
- Environment Friendly
- Chlorine Free
- Meets all BMW Disposal Norms
- Certified & Tested by Leading test Agencies
- Tear and puncture resistant
- Available in all colors and sizes as per client's requirements
- Customisable thickness and print matter
- Strong bottom sealing for leakproof storage and transportation of waste



## WASTE COLLECTION BAG

### Product Description

- Biodegradable
- Environment Friendly
- Chlorine Free
- Meets all BMW Disposal Norms
- Certified & Tested by Leading test Agencies
- Tear and puncture resistant
- Available in all colors and sizes as per client's requirements
- Customisable thickness and print matter
- Strong bottom sealing for leakproof storage and transportation of waste



ARVS WASTE CONTAINERS

# SC Series



Conforme NFX 30 500

**Product Description**

- Suitable for collection of all contaminated hazardous hospital waste.
- Puncture Proof / Leak Proof Container with Capacity: 30 & 60 Liter.
- Single / Double lid ideal for the disposal of hazardous waste.
- Solidity & Resistant against Shock.
- Autoclave-able / shred-able / incinerable.
- Bio Hazard Symbol.
- Comply's with UN and NFX standards of safety
- The bin has lateral and central handles.
- Hermetic permanent closure.
- Available in Blue, White and Yellow colours for disposal of glass waste, sharps waste and human anatomical waste respectively.
- Bins are made up of Polypropylene Material.



**SC 30 MONO**

30 Ltr



**SC 30 DUO**

30 Ltr



**SC 60 MONO**

60 Ltr



**SC 60 DUO**

60 Ltr

Available in Blue, Yellow, white colour



Single lid with adhesive

Double lid with adhesive (even in the lid)

Peripheral adhesive without latex or latex based element



EQUIPMENTS PVT. LTD.

We specialize in

# Biomedical Waste Management Products

ARVS Equipments Private Limited is an ISO 9001:2015, 13485:2016 & OHSAS ISO 45001:2018 Certified Company and specializes in providing quality biomedical waste management products for hospitals and healthcare institutions in India and abroad.

Our waste management products are certified by all the leading agencies and are in compliance with state regulations as well. So you can be 100% sure of safety, infection-control and ease of use with our products!

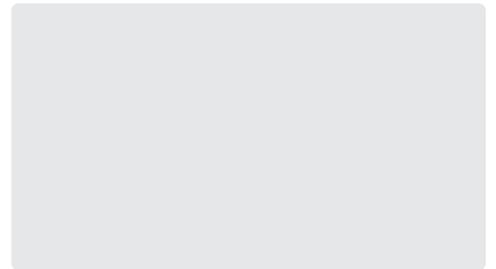
➔ ISO 9001:2015

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➔ CE

Distributor:



EQUIPMENTS PVT. LTD.

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[www.sharpsandwastecontainers.com](http://www.sharpsandwastecontainers.com)

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