



INSPRAMED

A D.med Group Company

PRODUCT CATALOG

HAEMODIALYSIS CONSUMABLES



ABOUT US:

Inspramed Medical is an international medical company that produces haemodialysis consumables.

It was founded in 2013 and has since established itself as a quality-focused manufacturer of haemodialysis acid and basic concentrates, sodium bicarbonate cartridges / bags and haemodialysis machine disinfectants.

Thanks to its highly motivated staff and excellent global partners, Inspramed Medical has become a reputed manufacturer in the dialysis field with all its products well-established in different countries.

Inspramed commits to providing high-quality and cost-efficient products through a reliable delivery service to the haemodialysis community around the world.

In January 2021, Inspramed Medical was acquired by D.med Healthcare Group.

About D.med Healthcare Group:

Headquartered in Düsseldorf, Germany, D.med Healthcare Group operates globally through a network of premises in over 20 countries as a provider of medical services and products with a focus on renal care, diabetes, and other fields of internal medicine.

For more information on D.med, please visit: www.dmed-healthcare.com

For more information on Inspramed, please visit: www.inspramed.com.tr



OUR PRODUCT RANGE

Insprasol Haemodialysis Acid Concentrates



Insprasol Haemodialysis Basic Concentrates



Inspradez Haemodialysis Machine Disinfectants



Inspracart Haemodialysis Sodium Bicarbonate Cartridges



Insprabag Haemodialysis Sodium Bicarbonate Bags



OUR PRODUCTS | ACID CONCENTRATES

INSPRASOL CANISTERS

- Used for treatment of patients with acute or chronic renal failure.
- Used by diluting an appropriate amount of Insprasol Haemodialysis Basic Concentrate with purified water.
- Different formulations should be chosen according to the requirements of the patient's treatment as determined by a nephrologist.
- Instructions for use should be taken into consideration during the application.
- Should be kept closed in its original packaging.
- Available in 5,8 and 10-liter HDPE canisters.
- Shelf life: 36 months (according to stability test reports).



INSPRASOL IBC TANK

- Mostly used by haemodialysis centres / hospitals, which have a large number of treatment places and usually have a central acid supply system with ring line installed.
- Available as 1000-liter IBC tanks.



INSPRASOL POWDER

- Ingredients should be mixed by diluting purified water. The instructions and product information of the manufacturer should be carefully considered.
- Includes all necessary materials to obtain 100 liters of liquid haemodialysis acidic concentrate.
- Usually formed by 7 parts [Sodium chloride (NaCl), Calcium chloride (CaCl_2), Magnesium chloride, (MgCl_2), Potassium chloride (KCl), Glucose ($\text{C}_6\text{H}_{12}\text{O}_6$), Acetic Acid (CH_3COOH) and Sodium Acetate (NaCH_3COO)].
- The exact mix of ingredients must be defined based on specific treatment requirements.
- All Insprasol liquid acidic concentrate formulations are also available for Insprasol Haemodialysis Powder Acid Concentrate.



OUR PRODUCTS | ACID CONCENTRATES

Insprazol Haemodialysis Acid Concentrates Formulation List

1+34

Product Name / Code	Dilution Rate	Sodium (Na+) mmol/L	Potassium (K+) mmol/L	Calcium (Ca+2) mmol/L	Magnesium (Mg+2) mmol/L	Chloride (Cl-) mmol/L	Acetic Acid (Ac-) mmol/L	HCO ₃ mmol/L	Glucose (C6H12O6) mmol/L
Insprazol A 1001	1+34	140	2	1,5	0,5	111	3	32	5,55
Insprazol A 1002	1+34	138	2	1	0,5	108	3	32	5,55
Insprazol A 1003	1+34	138	1	1,25	0,5	107,5	3	32	5,55
Insprazol A 1004	1+34	140	2	1,5	0,5	111	3	32	-
Insprazol A 1005	1+34	138	2	1,75	0,5	109,5	3	32	-
Insprazol A 1006	1+34	138	2	1,75	0,5	109,5	3	32	5,55
Insprazol A 1007	1+34	138	2	1,25	0,5	108,5	3	32	5,55
Insprazol A 1008	1+34	138	2	1,5	0,5	109	3	32	5,55
Insprazol A 1009	1+34	138	3	1,5	0,5	110	3	32	5,55
Insprazol A 1010	1+34	138	3	1	0,5	109	3	32	11,1
Insprazol A 1013	1/34	140	2	1,25	0,5	110,5	3	32	5,55
Insprazol A 1015	1/34	140	2	1,25	0,5	110,5	3	32	-
Insprazol A 1016	1/34	138	2	1	0,5	108	3	32	-
Insprazol A 1020	1/34	138	0	1,5	0,5	107	3	32	0
Insprazol A 1021	1/34	138	0	1,5	0,5	107	3	32	5,55
Insprazol A 1027	1/34	138	2	1,25	0,5	108,5	3	32	-
Insprazol A 1034	1/34	138	1	1,5	0,5	108	3	32	11,1
Insprazol A 1035	1/34	138	2	1,5	0,5	109	3	32	-
Insprazol A 1045	1/34	138	0	1,75	0,5	110,5	3	32	5,55

1+35,83

Product Name / Code	Dilution Rate	Sodium (Na+) mmol/L	Potassium (K+) mmol/L	Calcium (Ca+2) mmol/L	Magnesium (Mg+2) mmol/L	Chloride (Cl-) mmol/L	Acetic Acid (Ac-) mmol/L	HCO ₃ mmol/L	Glucose (C6H12O6) mmol/L
Insprazol A 1150	1+35,83	140	2	1,75	0,5	107,5	4	35	-
Insprazol A 1151	1+35,83	140	2	1,75	0,5	107,5	4	35	5,55
Insprazol A 1152	1+35,83	140	2	1,5	0,5	107	4	35	-
Insprazol A 1153	1+35,83	140	2	1,5	0,5	107	4	35	5,55
Insprazol A 1154	1+35,83	140	2	1,25	0,5	106,5	4	35	5,55
Insprazol A 1155	1+35,83	140	1	1,5	0,5	106	5	34	-

1+44

Product Name / Code	Dilution Rate	Sodium (Na+) mmol/L	Potassium (K+) mmol/L	Calcium (Ca+2) mmol/L	Magnesium (Mg+2) mmol/L	Chloride (Cl-) mmol/L	Acetic Acid (Ac-) mmol/L	HCO ₃ mmol/L	Glucose (C6H12O6) mmol/L
Insprazol A 1101	1+44	138	2	1,25	0,5	108,5	3	32	-
Insprazol A 1102	1+44	138	2	1,25	0,5	108,5	3	32	5,5
Insprazol A 1103	1+44	138	2	1,5	0,5	109	3	32	-
Insprazol A 1104	1+44	138	2	1,5	0,5	109	3	32	5,5
Insprazol A 1105	1+44	138	2	1,75	0,5	109,5	3	32	-
Insprazol A 1106	1+44	138	2	1,75	0,5	109,5	3	32	5,5
Insprazol A 1107	1+44	138	3	1,25	0,5	109,5	3	32	5,55
Insprazol A 1108	1+44	138	3	1,5	0,5	110	3	32	5,55
Insprazol A 1109	1+44	140	2	1,5	0,5	109	3	34	5,55
Insprazol A 1110	1+44	138	3	1,25	0,5	109,5	3	32	-

OUR PRODUCTS | BASIC CONCENTRATES

- Basic haemodialysis concentrate for acute or chronic renal failure patients.
- Used by choosing an appropriate Insprasol Acidic Concentrate and diluting it with purified water.
- Canister material: polyethylene (HDPE).
- Shelf life: 24 months.

LIQUID BICARBONATE CONCENTRATES

Product Name / Code	Dilution Rate	NaHCO ₃		NaCl		Trading Sale (Liters)
		mmol/L	gr/L	mmol/L	gr/L	
Insprasol B35	1+34 or 1+44	35	84	N/A	N/A	5,6,10
Insprasol B39	1+35,83	39	66	26	30,58	6,10



DRY BICARBONATE CONCENTRATES

Product Name / Code	NaHCO ₃ (kgs)	Concentrate (Liters)
Insprabag Haemodialysis Sodium Bicarbonate Bag	5	59,5
Insprabag Haemodialysis Sodium Bicarbonate Bag	8,40	100
Insprabag Haemodialysis Sodium Bicarbonate Bag	25	297,6



OUR PRODUCTS | SODIUM BICARBONATE

INSPRACART

- Contains sodium bicarbonate powder according to the specifications of Ph.Eur and USP.
- Used for obtaining basic bicarbonate haemodialysis concentrate for extra-corporeal bicarbonate haemodialysis.
- Can be used in all dialysis machines (Baxter/Gambro, B.Braun, Nipro, Nikkiso etc.) with appropriate cartridge holders.
- Each 84.0 g of NaHCO_3 (sodium bicarbonate) from the Inspracart can be used to produce 1 liter of basic concentrate. Depending on the size of the cartridge used, you can produce 6.55 - 11.43L of basic concentrate.

The acidic concentrate, the alkaline concentrate saturated by dissolution and the dialysis water can be used in the following typical mixing ratios: 1 + 1.225 + 32.775 / 1 + 1.775 + 42.225 / 1 + 1.575 + 42.425.

Depending on the mixing ratio, between 25.35L and up to 28.57L ready-to-use dialysis fluid can be made from one liter of basic concentrate for the treatment.

- Cartridge material: polypropylene (PP).
- Shelf life: 24 months.

OUR PRODUCTS | SODIUM BICARBONATE

Solution amounts which can be obtained from Inspracart:

Product	NaHCO ₃	Dialysis Solution (Liters)
Inspracart	550 g	160-180
Inspracart	650 g	190-210
Inspracart	720 g	210-235
Inspracart	750 g	220-245
Inspracart	760 g	225-250
Inspracart	850 g	252-283
Inspracart	920 g	270-305
Inspracart	960 g	285-315



OUR PRODUCTS | SODIUM BICARBONATE

INSPRABAG

- Contains sodium bicarbonate powder according to the specifications of Ph.Eur and USP.
- Used for obtaining basic bicarbonate haemodialysis concentrate for extra-corporal bicarbonate haemodialysis.
- Can be used with Fresenius haemodialysis machines.
- Each 84.0 g of NaHCO_3 (sodium bicarbonate) from the Inspracart can be used to produce 1 liter of basic concentrate. Depending on the size of the bag, you can produce 7.74 - 10.71L of basic concentrate.

The acidic concentrate, the alkaline concentrate saturated by dissolution and the dialysis water can be used in the following typical mixing ratios: 1 + 1.225 + 32.775 / 1 + 1.775 + 42.225 / 1 + 1.575 + 42.425.

Depending on the mixing ratio, between 25.35L and up to 28.57L ready-to-use dialysis fluid can be made from one liter of basic concentrate for the treatment.

- Bag material: polyethylene (LDPE).
- Shelf life: 24 months.

Solution amounts which can be obtained from Insprabag:

Product	NaHCO_3	Dialysis Solution (Liters)
Insprabag	650 g	190-210
Insprabag	900 g	265-300



OUR PRODUCTS | DIALYSIS MACHINE DISINFECTANTS

- For thermo-chemical disinfection and decalcification of haemodialysis machines with recirculation.
- Excellent disinfection performance in combination with thermal disinfection.
- Colorless and odorless.
- Possible to store long term and easy to control under various conditions due to excellent stability.

Full effectiveness for:

- Bactericidal (S.aureus, P.aeruginosa, E.hirae) - EN -13727 EN 14561.
- Fungicidal (C.albicans, A.niger) - EN 13624.
- Mycobacterium terrae (ATCC 15755), Mycobacterium avium (ATCC 15769) - TS EN 14348.
- Virucidal (Poliovirus type1-, Adenovirus Type 5- and Murine Norovirus) - TS EN 14476.
- Blood residuals and calcium / magnesium deposits.



Product Name / Code	Citric Acid %	Malic Acid %	Lactic Acid %	Purified Water (R.O)
Inspradez C.M.L 2,5	21	2,5	2,5	Enough Quantity
Inspradez C50	50	-	-	Enough Quantity

PACKAGING

Insprasol Acid and Basic Concentrates & Inspradez Machine Disinfectants Packaging

Product	Size	PCS/Box	Box/Pallet	Pallet/20'DC	Pallet/40'DC	Truck
Insprasol Haemodialysis Acid Concentrates	5 L	2/1 or 4/1	150/1	10/1	21/1	24 tons
	8 L	2/1	100/1			
	10 L	2/1	100/1			
Insprasol Haemodialysis Basic Concentrates	5 L	2/1 or 4/1	150/1			
	6 L	4/1	144/1			
	10 L	2/1	100/1			
Inspradez Haemodialysis Machine Disinfectants C.M.L 2,5 / C50	5 L	2/1	160/1			
	10 L	2/1	100/1			

Insprasol Acid Concentrates Packaging without Boxes

Product	Size	PCS/Pallet	Pallet/20'DC	Pallet/40'DC	Truck
Insprasol Haemodialysis Acid Concentrates	5 L	150/1	10/1	21/1	24 tons
	8 L	120/1			
	10 L	100/1			
	1000 L	1/1			

Insprasol Basic Concentrates Packaging without Boxes

Product	Size	PCS/Pallet	Pallet/20'DC	Pallet/40'DC	Truck
Insprasol Haemodialysis Basic Concentrates	5 L	150/1	10/1	21/1	24 tons
	6 L	150/1			
	10 L	100/1			



PACKAGING

Insprasol Haemodialysis Powder Acid Concentrate Packaging

Product	Size	PCS/Pallet	Pallet/20'DC	Pallet/40'DC	Truck
Insprasol Haemodialysis Powder Acid Concentrates	1/1	40/1	10/1	21/1	24 tons



Insprasol Powder Basic Concentrate Packaging

Product	Size	PCS/Box	Case/Pallet	Pallet/20'DC	Pallet/40'DC	Truck
Insprasol Powder Basic Concentrates	5 kgs	5/1	32/1	10/1	21/1	24 tons
	8,40 kgs	4/1	32/1	10/1	21/1	
	25 kgs	-	49/1	10/1	21/1	



PACKAGING

Insprasol Haemodialysis Sodium Bicarbonate Cartridge Packaging						
Product	Size	PCS/Box	Box/ Pallet	Pallet/20'DC	Pallet/40'HC	Truck
Inspracart Haemodialysis Sodium Bicarbonate Cartridges	550 g	10/1	100/1 or 96/1	10/1	21/1	24 tons
	650 g					
	720 g					
	750 g					
	760 g					
	850 g					
	900 g					
	920 g					
	960 g					



Insprasol Haemodialysis Sodium Bicarbonate Bag Packaging						
Product	Size	PCS/Box	Box/ Pallet	Pallet/20'DC	Pallet/40'HC	Truck
Insprasol Haemodialysis Sodium Bicarbonate Bags	650 g	16/1	64/1	11/1	24/1	24 tons
	900 g	12/1	64/1			



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