



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



QUALITY POLICY

To meet the needs and expectations today and in the future, we make our clients our focus.

With the principle “the quality of our products and services starts with the quality of our employees”, we engage in motivating our team to develop a passion for excellence.

Our activities are based on the 42/93/EEC Medical Device Directive and EN ISO:13485 2016 standard and quality management system and we ensure compliance with these regulations with our high quality-minded approach to our business that will also help us in the future application of the 745/2017 Medical Device Regulation (MDR).

We aim to be a leading company in our field, building our position by continuously improving our processes and striving to be an inspiring example to other organizations.



European Conformity Standards (CE)



International Organization for Standardization (ISO 13485:2016)



Free Sales Certificate (FSC)

OUR PRODUCT RANGE

Insprazol Haemodialysis Acid Concentrates



Insprazol 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			



DIALYSIS SOLUTIONS

FORMULATED AND MANUFACTURED FOR THE
HIGHEST LEVEL OF PATIENT CARE.



PROVEN COMPETENCE
IN MORE THAN
30 INTERNATIONAL MARKETS



www.inspramed.com.tr