



Company Profile 2018-19

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**TO SERVE AILING
HUMANITY**

ABOUT UNISA

UNISA Pharmaceutical industries Ltd is one of the emerging Pharmaceutical industry of I.V Infusions (manufacturing life saving drugs),which is located on Main G.T Road Akora Khattak, District Nowshera KPK (Pakistan), in a lush green and pollution free environment which is excellent for the production of pharmaceutical products having covered area above 100000 Sq.ft.

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I.V. Infusion



Quality



Quantity



Delivery



Maintenance



Continuous
improvement

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Philosophy

Company Management under the leadership of CE Muhammad Ismail, Director Najmul Saqib, Director Dr. Shah Fahad and Director Aqib Ismail with a dynamic team of professional expertise are working to give the best facility for manufacturing quality products on international standards.

Company at the current stage is producing I.V infusions from Small to Large volume which helps the doctors and nurses to provide total satisfaction to millions of patients in controlling dehydration, electrolytes imbalance and nutritional deficiencies, infection diseases, diarrhea, dysentery and other household diseases. The system is fully designed for preparation of quality drugs on international standards



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Our Facilities

The company is continuously expanding their facilities time to time. The core of our quality products depends on the following:

- 1. Water Treatment System
- 2. Quality Control System
- 3. Quality assurance
- 4. Solution Preparation
- 5. BFS (Blow, Fill, Seal) System
- 6. Steam Sterilizer
- 7. Packaging



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Quality Control System

★ Quality control department is well equipped with latest analytical testing equipments of American/German/Japanese origin calibrated and maintained as per manufacturer's instructions and cGMP guidelines. Separate microbiological and biological lab is maintained where highly qualified and technical staff is maintaining all international standards for quality products. The step wise supervision of these expertise from WFI to post sterilization and packing on international standards have added feathers in wings to recognize the products in local and international markets. Besides this, quality control section assures high standard of products manufactured using several instruments installed in our lab that includes TOC, FTIR, atomic absorber, HPLC, UV spectrometer, liquid borne particle counter and much more.

★ These instruments go parallel with our dynamic team and are calibrated/ validated by highly qualified professionals with in specified time. Apart from this appreciations from inspection teams of several departments highly boost our team confidence.



HVAC System

HVAC System (Heat Ventilation Air Conditioning System) (8) air handing units, of hundred tons with state of the art insulated ducting system along with HEPA filters fully concealed on international standards recommended by Ministry of Health Government of Pakistan is installed. thus maintaining the standards of our products.

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Water Treatment System

WFI-Water for injection is the 95% of our Product. We are taking extra precautions for the production and handling of WFI. Water Treatment System is designed as per latest Pharmacopial requirements and WHO Standard.



Water Treatment System consists of sand filters, carbon filters, ozonator, softners, double R.O systems and D.ionizers . We have two distillation units of five and six columns each manufactured with S.S 316L material and designed for the production of high quality pyrogen free water for injection, which is being stored in two double jacketed 316L storage tank having capability to maintain the required temperature by using pure steam with complete loop and circulation system for maintaining the high temperature to minimize the risk of contamination.

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Solution Preparation

Solution is prepared in washed and sterilized twelve tanks of S.S 316L in HEPA filtered environment by trained pharmacists along with skilled quality assurance department, mixing of solution is done by magnetic stirrer system to avoid any contamination of conventional agitators system. Solution is being filtered through 0.45um and 0.20um before feeding to filling machines.



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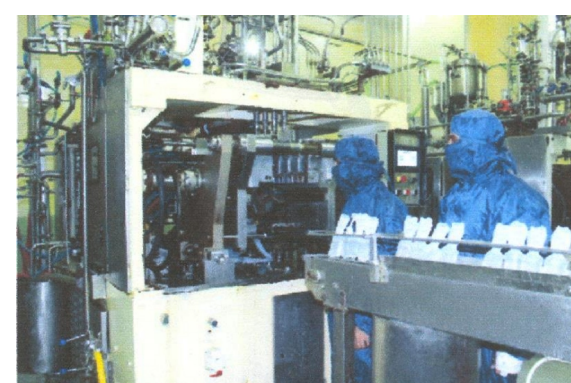


BFS (Blow, Fill & Seal) System

Latest available technology in the world is (BFS Technology) BLOW, FILL & SEAL the company has successfully installed:

1. ALPS - Automated Liquid Packaging Solution Machine of (US origin)
2. Four automated Rommellag machine (German origin).
3. One automated Rommellag ampoule machine (German origin).

Bottle forming, filling and sealing is under class A within the shortest interval of time, which eliminate chances of environmental contamination beside that environment of machine is also controlled by HEPA filtration system. Injectable medical grade, plastic material (LDPE) of re-known European origin is used where from granules to formulation along with solution filling and sealing is totally auto controlled, there is no human touch in the entire system of BFS, which is the distinguished base of quality products in such a HEPA controlled environment under BFS technology, form granule to finished bottle.



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Steam Sterilizer



Sterilization

Besides the filtration form 0.2um pore size (No chance of viable contamination), sterilization is being done to assure the SAL level 10^{-12} where as U.S.P requirement are SAL 10^{-6} . The company has (2) autoclave each of 9000 liters large volume sterilization capacity with the help of which all the required targets for quality products are achieved well in time.

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Packaging

Packaging of every bottle is being checked for leakage test under 01 Bar pressure to ensure that there is no pin hole leakage along with strong cartoning before release to the market. The company has state of the art latest packing facilities, which is supervised by pharmacists of production and of quality assurance. A part from this, in process tests further post packing tests are done on finished goods by quality control department that ensures quality products before despatched to market.



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Utilities Sector

It is composed of different sections which includes

- 1- Absorption / Electric Chiller , HVAC Equipments's system that accommodate production capacity of millions Bottle and other working section as well.
- 2- Air compressor system, of high standards that is maintained by GD (gardner denver) certified company.
- 3- Steam boiler system, which produces steam which is supplied to auto clave section for the sterilization of products and to distillations section for the production of water for injection.
- 4- High performance synchronized power generation with ATS panel (Auto transfer switch) & UPS system for electric power backup.
- 5- Water turbines system having depth of more then 400 feet which insures lowest TDS level in our area.



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Brief's

Marketing:

The company has strong distribution network all over the country extended to remote areas as well. Which supplies the product to all over the country and governmental and non governmental organizations.



Future Plans:

To scale the new heights we are adding various products in near future in our profile so that we touch the maximum to "SERVE THE AILING HUMANITY" and we assure quality products on basis of pharmaceutical standards available at low cost for market ,this is our mission statement.

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Our Products I.V Infusions

S.No	Name of Product	Generic Name	Pack Size	Price
1	Unisol-NS	0.9% Sodium Chloride I.V Infusion B.P	100 ml 500 ml 1000 ml	50.00 70.00 88.00
2	Unisol-5	5% Glucose I.V Infusion B.P	100 ml 500 ml 1000 ml	50.00 76.00 92.00
3	Unisol-10	10% Glucose I.V Infusion B.P	500 ml 1000 ml	82.00 105.00
4	Unisol-DS	Dextrose 5% and Sodium Chloride 0.9% B.P	500 ml 1000 ml	81.00 97.00
5	Unisol-DS ½	5% Dextrose and 0.45% Sodium Chloride B.P	500 ml	76.00
6	Unisol-RL	Lactated Ringer's Injection U.S.P	500 ml 1000 ml	78.00 97.00
7	Unisol-RLD	5% Dextrose and Lactated Ringer's Injection U.S.P	500 ml 1000 ml	83.00 121.00
8	Unisol-R	Ringer's Solution Injection U.S.P	500 ml 1000 ml	68.00 83.00
9	Uniciprox 200mg	Ciprofloxacin 200mg/100ml Infusion B.P	100 ml	120.00
10	Unizol 500mg	Metronidazole 500mg/100ml I.V Infusion B.P	100 ml	50.00
11	Unisol-Peade	4.3% Dextrose and 0.18% Sodium Chloride Infusion B.P	500 ml	75.00
12	Unilyte-M	5% Dextrose and Electrolytes Solution	1000 ml	105.00
13	Uniretic-20	20% Mannitol I.V Infusion B.P	500 ml	119.00
14	UNIHES 3%	Hydroxyethyl Starch 3%	500 ml	Approved
15	UNIHES 6%	Hydroxyethyl Starch 6%	500 ml	Approved
16	UNISOLVINT inj.	Water of Injection	5 ml 10 ml 20 ml	6.00 9.00 16.00
17	UNIBICARB inj.	Sodium Bicarbonate 8.4%	20 ml	15.00
18	UNIPOTASS inj.	Potassium Chloride 7.46%	20 ml	Under process
19	UNISOL-NS inj.	Sodium Chloride 0.9%	20 ml	7.50
20	UNILEVOFLOX inj.	Levofloxacin 500mg/100ml	100 ml	Under process
21	UNIOFLOX inj.	Ofloxacin 500mg/100ml	100 ml	Under process



Our Products DMD,s

S.No	Enlistment/Reg. No	Name Product/Divice	Brief Description	MRP(Rs.)	TP(Rs.)
1	MDMR-000001	UNIFLOW (Blood Transfusion Set)	Set for transfusion blood and blood components eith standard 150cm length, double buld with nylon filter	140	119
2	MDMR-000002	UNILIN-1(Disposable Insulin Syringe)	Sterile Single use Insulin Syringe with 30G 8mm extra fine needle	15.00	12.75
3	MDMR-000003	UNIDLE (Hypodermic Needle)	1. 14G, 16G, 18G, 19G, 20G, 21G, 22G, 23G, 24G, and 2. 25G, 26G, 27G, Sterile S.S Tube with hub and cap made of PP packed in blister paper	2.00 3.00	1.70 2.55
4	MDMR-000004	UNIJECT (Sterile single use Plastic Syrings)	Syringe 1ml/cc Syringe 2.5ml/cc Syringe 3ml/cc Syringe 5ml/cc Syringe 10ml/cc Syringe 20ml/cc	12.00 15.00 15.00 15.00 20.00 25.00	10.20 12.75 12.75 12.75 17.00 21.25
5	MDMR-000005	UNISSET	1. UNISSET Sterile single use intravenous infusion set (Gravity infusion) 150cm in length with latex tube. 1. UNISSET (with Y-PORT) Sterile single use intravenous infusion set (Gravity infusion) 150cm in length with Y-PORT for injection..	30.00 35.00	25.50 29.75

Unisa Pvt Limited



Manufacturing capacity:

1. 2,000,000,0 Syringes per month. | 3,00,000 I.V set per month.

ABOUT UNISA PVT LIMITED

UNISA Private Limited is one of the emerging DMD,s (Disposable Medical Devices) manufacturing Unit of Pakistan. Which is located at Main G.T Road, Adamzai Akora Khattak, District Nowshera KPK (Pakistan). In lush green and pollution Free environment which is excellent for the production of Disposable Medical Devices products having covered area above 50,000 Sq.ft.

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Institution's served



1. Pak Army | 2. KPK (MCC SUPPLY) | 3. Punjab (EDO & MSD)



4. AJ&K | 5. Govt of Balochistan | 6. Govt of Gilgit Baltistan



7. P.I.M.S | 8. FG Poly Clinic | 9. Benazir Bhutto Hospital



10. LGH Lhr. | 11. Quaid-E-Azam Hosp.| 12.Jinnah Hospital Lhr.

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Award Ceremonies



Best Exporter For The Year 2017
(Awarded In Turkey) *Pharma category



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