

Pharmaceutical Water Systems

Generation, Storage, Distribution, Loop Piping & CIP Systems
in compliance with USFDA, UK MCA, TGA, WHO Guidelines



STORAGE & DISTRIBUTION SYSTEMS

ABOUT US

Spaceage is among the top pharmaceutical water systems solution providers in India. As an experienced pharmaceutical water treatment technology solution provider, we

design, manufacture, install & validate systems for PFW Water Generation, PFW & WFI Storage, Distribution and Loop Piping. We have enabled more than 50 pharmaceuticals to focus on their core

competencies, i.e. of manufacturing drugs, while our systems perform optimally to deliver quality water across various departments every day. With an integrated manufacturing, assembly and testing facility that

includes electropolishing, we are able to design, deliver, install & validate quality systems while our trained engineers ensure effective and timely service support.

PURIFIED WATER GENERATION SYSTEMS

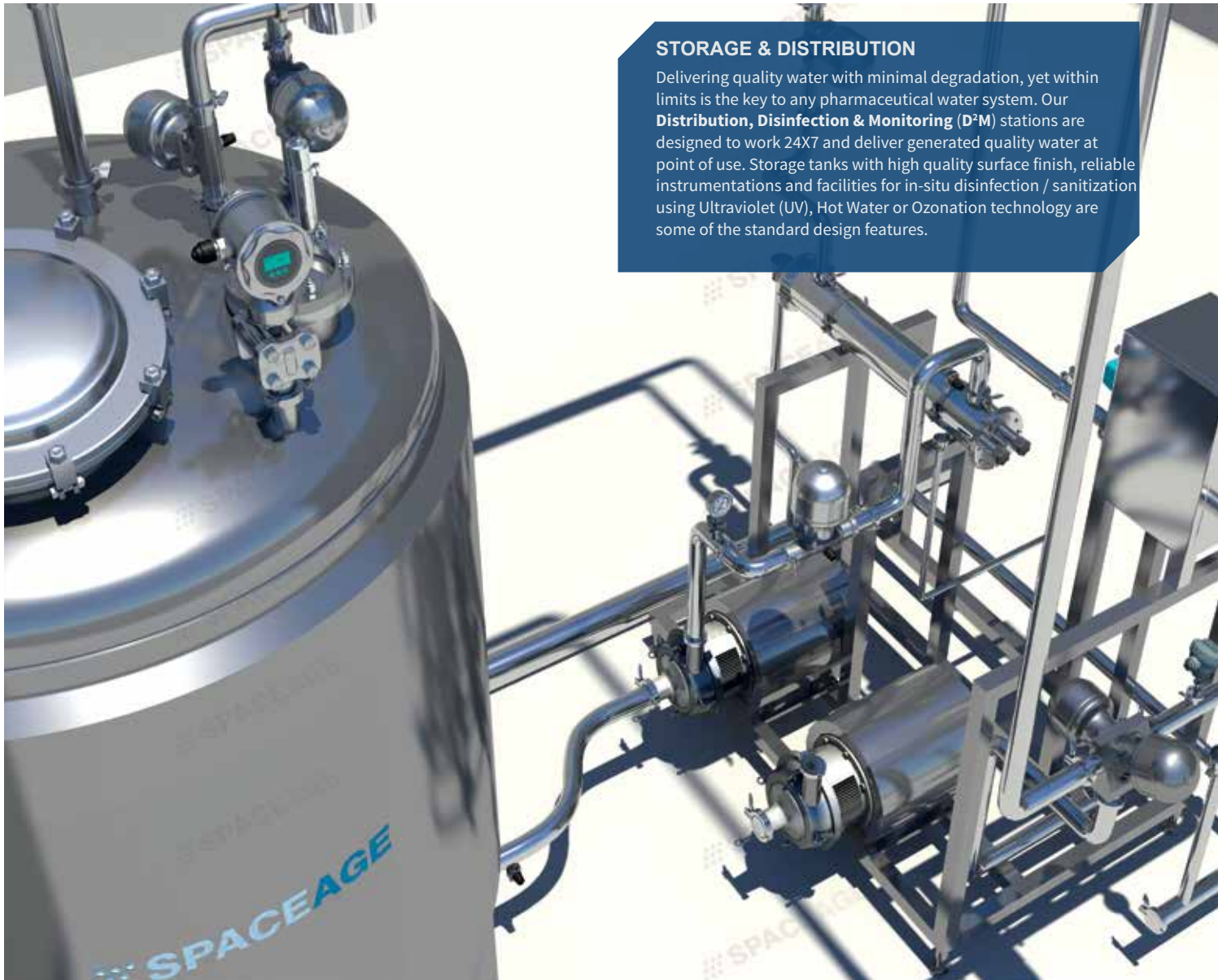
SPAQUAGEN is the state-of-the-art, Fully Automated RO-EDI System. Designed and built with features **SPAQUAGEN** delivers consistent quality and designed quantity of water, **SPAQUAGEN** is a workhorse. Fully automated with reliable instruments ensure consistent quality of water of $\lt;0.3\mu\text{S}/\text{cm}$. The system is also programmed with advanced features like auto permeate rinsing before every startup, auto sanitization, auto recirculation during long shutdown and many more.

SANITARY RO-EDI SYSTEMS

PHARMACEUTICAL WATER SYSTEMS
FOR USP PURIFIED WATER AND WFI
DISTRIBUTION PIPING FOR PFW, WFI, PURE STEAM & CLEAN UTILITIES
DESIGN | MANUFACTURE | INSTALL | VALIDATE

STORAGE & DISTRIBUTION

Delivering quality water with minimal degradation, yet within limits is the key to any pharmaceutical water system. Our **Distribution, Disinfection & Monitoring (D²M)** stations are designed to work 24X7 and deliver generated quality water at point of use. Storage tanks with high quality surface finish, reliable instrumentations and facilities for in-situ disinfection / sanitization using Ultraviolet (UV), Hot Water or Ozonation technology are some of the standard design features.



WHY SPACEAGE?

We understand pharmaceutical water better. We have generated a lot of data and expertise spanning over the last 14 years, A fully integrated manufacturing facility with in-house electropolishing, trained and experienced engineers and our well proven after sales service infrastructure has ensured the trust of our customers, time and again. Ability to design, manufacture and install Turnkey Water Systems is one of our key strength. Well trained sales team capable of analysis and support during pre and post sales is another area that we excel. Design consistency, manufacturing excellence and timely support is our forte.



LOOP & PROCESS PIPING



ORBITAL WELDING

AUTOMATION & INSTRUMENTATION

Monitoring control panels are designed with safety & convenience as the prime requirement. They provide convenience to monitor & control all critical parameters online in realtime, like conductivity, temperature, TOC, pressure etc, from a single location. Reliable instruments from manufacturers of international repute are integrated with control panel with option of connecting to SCADA systems with online data acquisition, storage and printing, thereby assuring uncompromised quality.

PRETREATMENT, UF & CIP

A good pretreatment system is critical to any water system. In depth understanding of the raw water is critical. Our fully automated pretreatment systems like **Auto Dosing System**, high efficiency **Sand Filters**, **Continuous Duplex Softeners** and fully automated **Ultrafiltration Systems** ensures removal of all impurities that are detrimental to the function of the downstream RO & EDI systems. Efficient design of the pretreatment system also ensures lower maintenance cost and effluent treatment costs



CIP SYSTEM



UF SYSTEM

SYSTEMS

- Purified Water Systems
- WFI Systems
- RO Systems
- UF Systems
- EDI Systems
- Loop Piping

SERVICES

- Electropolishing
- Onsite Orbital Welding
- System Erection
- Installation & Commissioning
- Validation
- Service Support
- AMC

PRODUCTS

- Tubes, SS 316L, EP
- Fittings, SS316L, EP, TC
- Sanitary diaphragm valves
- Storage Tanks, SS 316L

CLEANING EQUIPMENTS

- CIP Systems
- SIP Systems
- Hot Water Cleaning Unit
- Spray Ball
- Spray Gun

STERILE ROOM UTILITIES

- Service Pendants
- Drain Traps

CLIENTS

- Aurobindo Pharma Ltd
- Acacia Life Sciences
- Admiron Life Sciences
- Biological E Ltd.
- Dr.Reddys Laboratories Ltd
- Fleming Laboratories
- Gland Pharma Ltd
- Glow Chem Industries Ltd
- Granules India Ltd.
- Hygro Chemicals Ltd
- Inventis Drug Delivery Systems
- Ogene Systems Ltd
- Pan Drugs Ltd
- R.A. Chem Pharma Ltd
- Sarvotham Care Ltd
- Uni Sankyo Ltd
- Sri Krishna Pharmaceuticals Ltd
- Sai Advantium Pharma Ltd
- Sai Life Sciences Ltd
- Srini Pharmaceuticals Ltd.
- Vista Pharma Ltd
- Virchow Laboratories Ltd
- Vivin laboratories Ltd
- Veterinary & Biologicals Research institute & many more

If you haven't yet, then

TALK TO US

NOW!

SPACEAGE



HEAD OFFICE SPACEAGE AQUATECHS

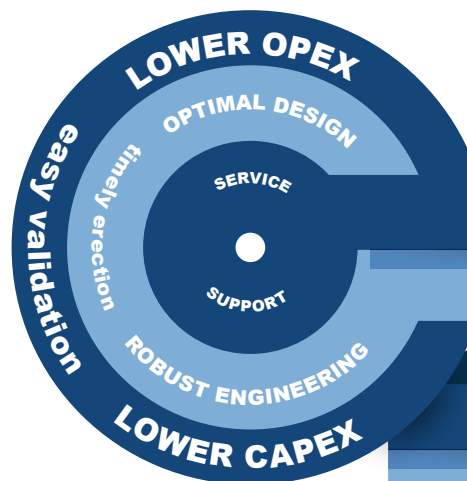
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WE CALL IT
WATER PURIFEXCELLENCE
EXCELLENCE IN WATER PURIFICATION

WE EXCEL IN
USP WATER SYSTEMS
DESIGN | DELIVER | VALIDATE | SUPPORT

USP PURIFIED WATER
GENERATION SYSTEMS
MGF | SOFTNERS | UF | RO | EDI

USP PURIFIED WATER
STORAGE & DISTRIBUTION
STORAGE TANKS | DISTRIBUTION SKID | PLC

USP PURIFIED WATER & WFI
DISTRIBUTION LOOP
SS316L | PFW LOOP | WFI LOOP | ORBITAL WELDED

FULLY AUTOMATED
CIP / SIP SYSTEMS
AUTOMATED | INTEGRATED | RELIABLE

01

02

03

04

