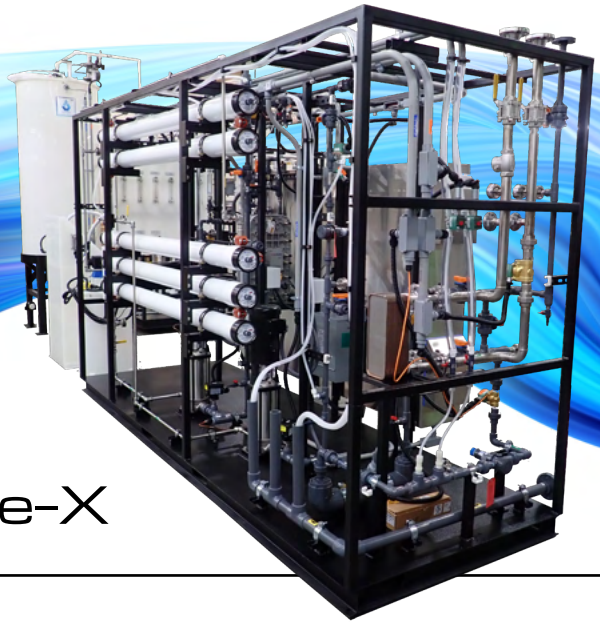
BURT | PROCESS EQUIPMENT

Partners In Global Water Quality



Pure-X

High Purity Reverse Osmosis Deionized Water System

Burt Process Equipment's Pure-X family of ultra-pure water systems is a complete line of generation and distribution equipment.
The advanced skid mounted modules offer a pre-packaged high purity water solution.

The Pure-X line is a result of 50+ years of evolution and Burt Process Equipment's expertise in the application of state-of-the-art equipment and materials for high purity and water treatment applications.
Water Generation grades include USP, Electronic, ASTM/CLSI/CAP.

Ultra-pure water systems have been successfully installed for these markets:

- Pharmaceutical Manufacturers
- Life Science Research Facilities
- Biomedical and Clinical Laboratories
- Semiconductor Fabrication Plants
- Food and Beverage Processing
- Metal Finishing Industry
- Hospitals and Institutions
- Educational Facilities
- Power Generation Plants

Standard Features:

- Generation rates for all major water qualities from .5 -200 gpm.
- Fully skidded and tested modules ensure proper design and critical parameters are controlled.
- Full PLC control in all major control platforms.
- Pre-treatment systems tailored to your water source.
- Various piping options available.
- Proprietary ultrapure storage vessels.
- All standard features to meet water quality targets including:
    - UV bacteria and TOC reduction
    - Reverse Osmosis
    - Final filters available in industrial, sanitary, and electronics grade configurations
    - Various resin and DI generation options
    - Complete engineered system customization for your specific industry and generation needs.

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Options and Benefits

- Fusion welded and sanitary polypropylene and PVDF piping
- Sanitary 316SS piping
- Electro-deionization (EDI)
- Single and Two Pass Reverse Osmosis design available
- USP generation from membrane filtration
- Complete suite of instrumentation for monitoring critical parameters including; Resistivity, TOC, particle counts, and many more.
- Degasification systems
- Continuous chemical sanitization
- PLC controls with optional web interface
- Precision controlled nitrogen blanketing for storage vessel
- Ethernet and modem options for remote access

PureEx RODI High Purity Water Systems	
MODEL	Gallons Per Minute Generation
PureEx-05	0-5 gpm
PureEx-10	5-10 gpm
PureEx-20	10-20 gpm
PureEx-50	20-50 gpm
PureEx-75	50-75 gpm
PureEx-100	75-100 gpm