

XPURE-E

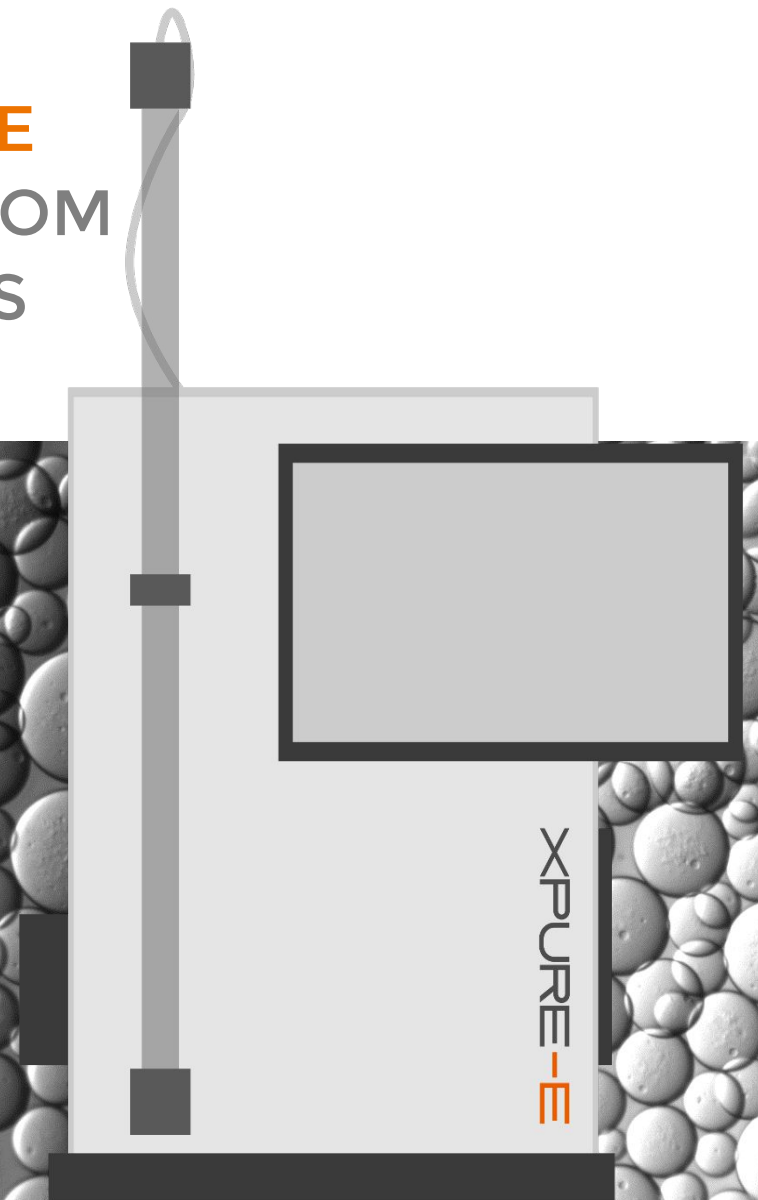
EXPANDED BED ADSORPTION

EFFICIENT **CAPTURE**
AND **RECOVERY** FROM
COMPLEX STREAMS

Easy to
install

Innovative
automation

Reliable



XPURE-E EXPANDED BED ADSORPTION SYSTEMS

It is the preferred technology to perform product capture and recovery step from complex feed streams, without requiring clarification or any intensive preprocessing steps and also:

- Easy to install, use and maintain system with flexibility for lab or pilot scale operations
- Innovative automation and control with flexibility to evaluate design parameters and perform process optimization
- A reliable system due to the use of high-quality components and materials

COMPOSITION & SPECIFICATIONS

The system is custom made and can comprise of the following:

- Flexible number of inlet and outlet valves
- Column containing integrated sensor for bed level detection
- Online monitoring and control system for expanded bed level
- Touchscreen for ease of operation
- Tubing between pumps, valves and column
- System can operate with 1 or 2 pumps

Complete list of specifications available upon request



CONTROL SYSTEM

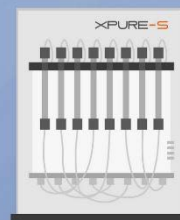
The XPure-E is controlled by a comprehensive software package running on Windows. The user can perform experiments in an easy and automated manner manually and recipe-based via the 10 touch screen. Allowing:

- Process recipe definition including the specific zone expansion factor
- Capturing generated process and analytical data
- Insight into the current state of the EBA process through various overviews

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