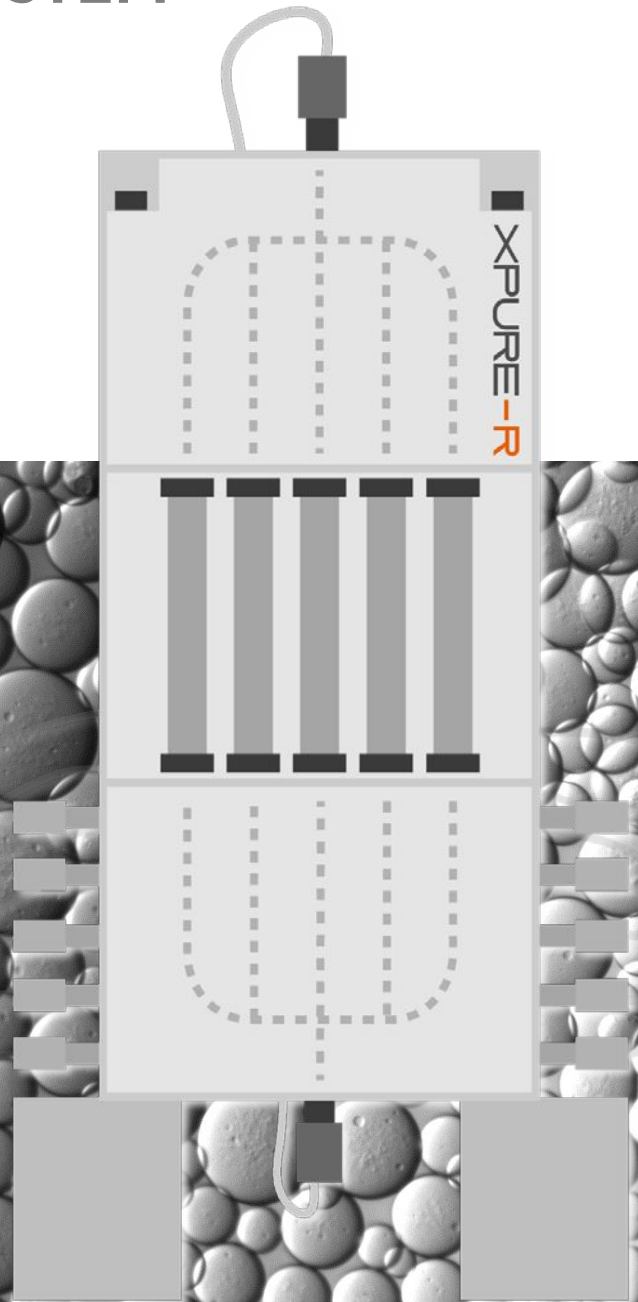


XPURE-R

RAPID RESIN AGING SYSTEM

HIGH-THROUGHPUT
RESIN LIFETIME
ANALYSIS



Install
& run

Robust and
reliable
scale-down

Dynamic
conditions

XPURE-R SYSTEMS

Resin lifetime is a critical factor, defining the techno-economic efficiency of adsorption/chromatography processes, both in packed and expanded bed modes. RRAS is an efficient and effective technology to determine resin lifetime under dynamic conditions and it is:

- An easy to install, use and maintain system, with flexibility for both packed and expanded bed adsorption (processing unclarified fermentation broth)
- Robust and reliable scale-down model for high throughput analysis with column volumes as low as 0.5 ml and flowrates between 0.01-2.5 m/s
- A flexible system with broad choice for design modification and constructional materials
- Multiple column choice allows to test multiple scenarios at the same time

COMPOSITION & SPECIFICATIONS

RRAS systems can be custom designed with components including

- Valve blocks dedicated for 5 inlets and 5 outlets
- Precision pump
- Monitor and control system for pump, valves and sensors
- Tubing between pump, valve block and columns
- A multi- column block

A complete list of specifications is available upon request

The RRAS 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, allowing:



CONTROL
SYSTEM

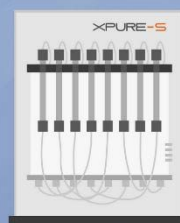
- Process recipe definition including the specific zone with inlet and outlet configuration and pump flowrate
- Capturing generated process and analytical data
- Insight into the current state of the process through an overview screen

ALSO AVAILABLE

CONTACT US

Bio Science Park
Schipholweg 73 - 75
2316 ZL Leiden
T +31 (0)71 524 4000
E info@xpure-systems.com

XPURE
S



XPURE
E

