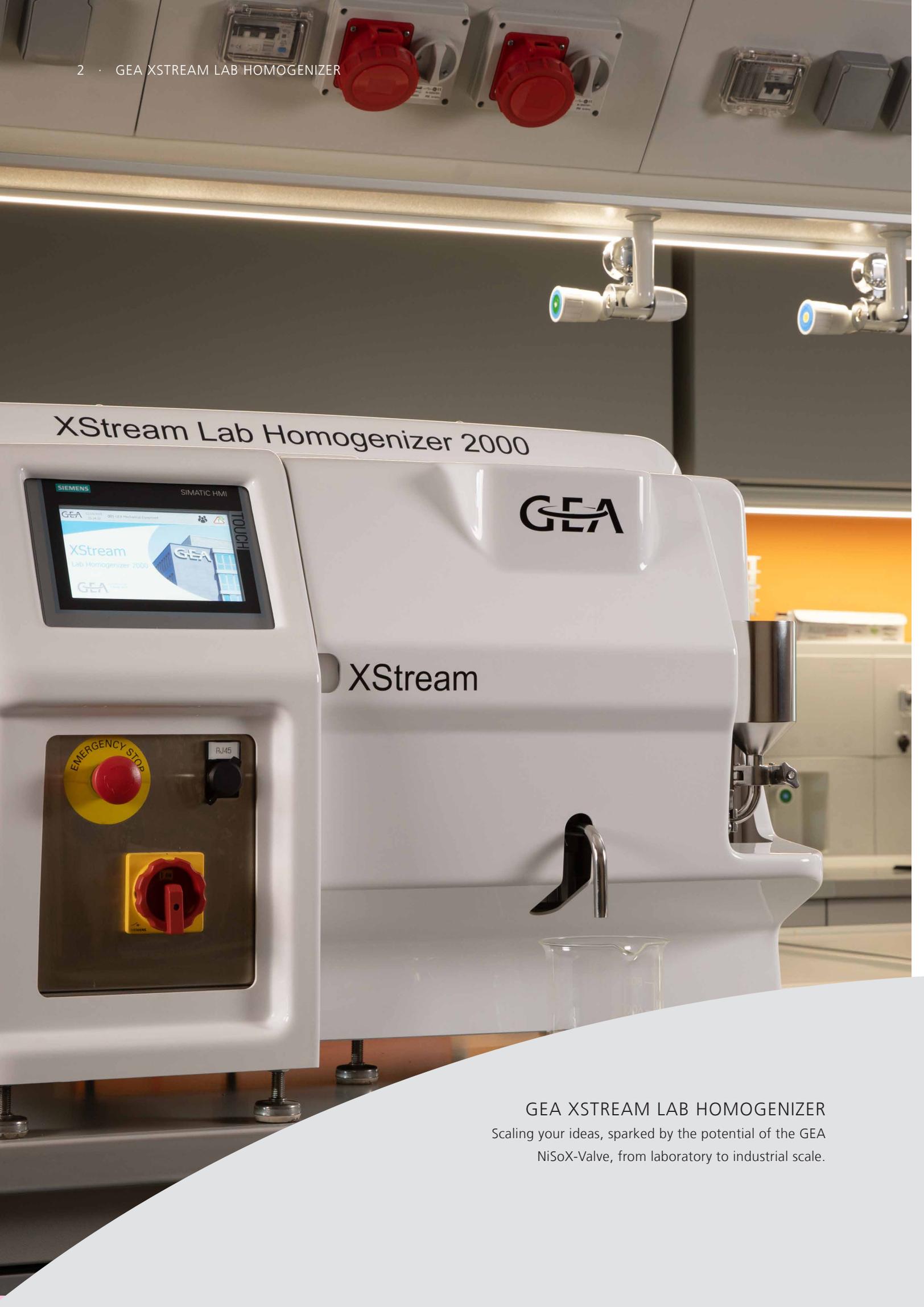




# GEA XStream Lab Homogenizer

The Xtended version of innovation



XStream Lab Homogenizer 2000

GEA

XStream

## GEA XSTREAM LAB HOMOGENIZER

Scaling your ideas, sparked by the potential of the GEA NiSoX-Valve, from laboratory to industrial scale.

# Smart, simple and safe

## Best performance thanks to the NiSoX-Valve

With an innovative ergonomic geometry and design, this table top unit is dedicated to facilitate the testing and scaling of the NiSoX-Valve benefits in various applications while ensuring safe, smart and easy operating conditions.

GEA homogenization experts engineered the concept in order to guarantee a high reliability machine that extends the lifetime of components and gives the opportunity to test great performances of the innovative NiSoX-Valve.

The new XStream is the ideal homogenizer to carry out tests in laboratory and be prepared to scale up to the industrial production thanks to the consistent results that NiSoX-Valve provides for many and different applications.

## Optimized high quality efficiency with 100% trials repeatability thanks to automation

The enhanced level of automation adds several benefits for an easy use of the machine:

- Improved performance on the product
- Saving of energy and resources
- Improved responsiveness (up to 2000 bar in about 5 sec.)
- Minimized product loss
- Easy reproduction and scalability of test results
- Easy validation process

## Main features

- Designed to fit the standard laboratory desk size
- Improved operation speed with PLC and HMI touchscreen 7"
- Optimized pressure regulation with automatic set-up for constant operating

Thanks to the self adjustment pressure regulation, this special user friendly configuration simplifies the maintenance procedures while reducing significantly human errors. The automated features ensure better process stability and machine operation efficiency.

## Main options available

The new lab unit is available in two models: XStream Lab Homogenizer 1000 and 2000 with different options according to specific requirements and Pharma execution:

- cGMP, CFR21 and GAMP certifications with data recorder
- Frequency converter for variable flow-rate (external)
- Mini compressor for pneumatic circuit (external)
- Collar sensors for inlet and outlet temperature
- Heat exchanger
- Larger feeding hopper (2l)
- Jacked feeding hopper and pneumatic pusher



*The GEA NiSoX-Valve technology facilitates a better distribution of energy towards the middle of the valve, promoting a more effective micronization of particles, and above all, a significantly enhanced uniformity of the product.*

## We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA is one of the largest technology suppliers for food processing and a wide range of other industries. The global group specializes in machinery, plants, as well as process technology and components. GEA provides sustainable solutions for sophisticated production processes in diverse end-user markets and offers a comprehensive service portfolio.

The company is listed on the German MDAX (G1A, WKN 660 200), the STOXX® Europe 600 Index and selected MSCI Global Sustainability Indexes.

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