

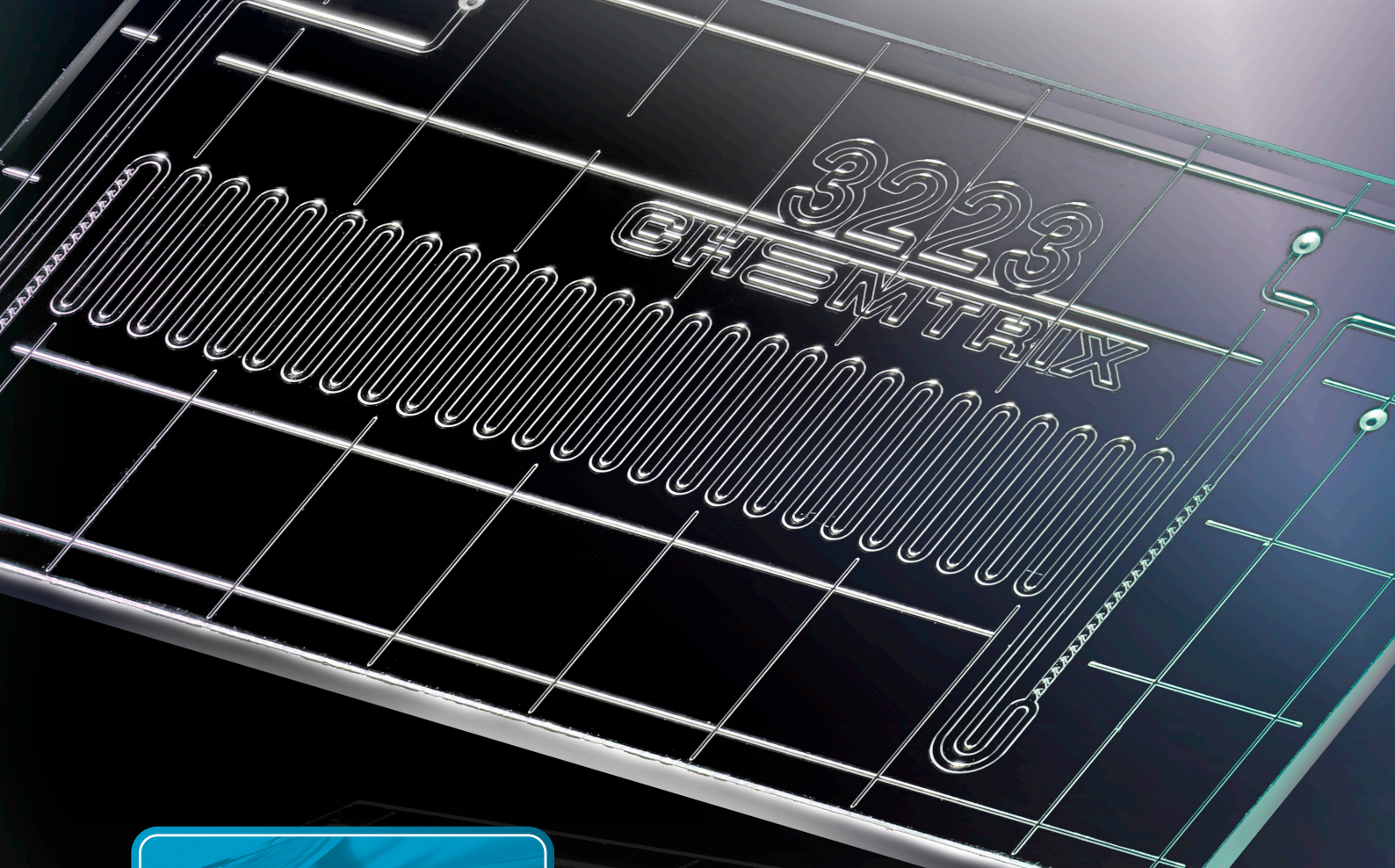


**LABTRIX<sup>®</sup>**  
S1

**CHEMTRIX**  
Scalable Flow Chemistry

**Flow Chemistry  
Method Development**





**LABTRIX<sup>®</sup>**  
S1

## Flow Chemistry Method Development

Labtrix<sup>®</sup> S1 is an automated continuous flow reactor system for reaction screening & optimization. The system is suited for a wide range of chemical applications;

- Assessment of process feasibility
- Exploration of novel reaction conditions
- Process parameter optimization
- Process validation
- Component searches

### GLASS REACTORS

- Excellent heat & mass transfer
- Excellent mixing using SOR structure
- Different types of flow reactors available
- German quality

### SPECIFICATIONS

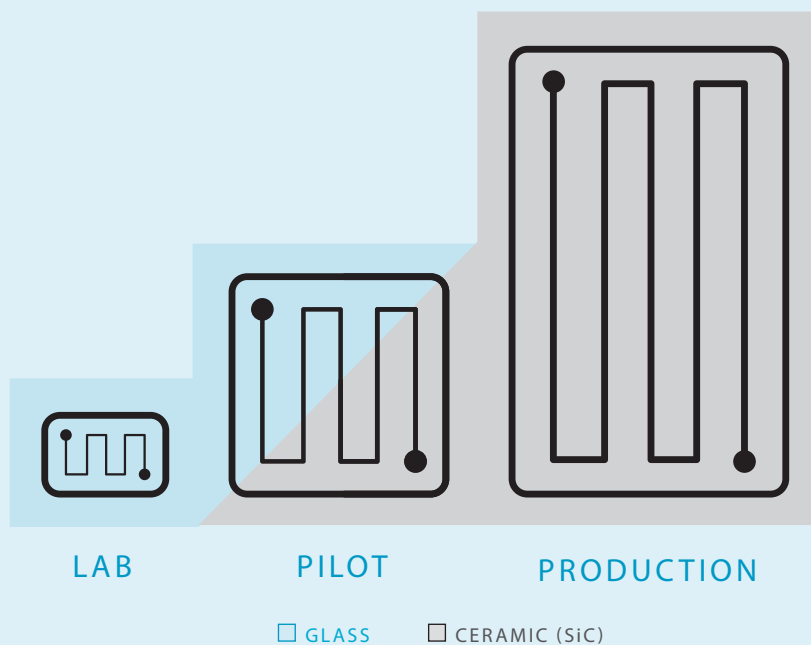
- Throughput: 0.1 to 80  $\mu$ l/min
- Flexible volume: 1 to 19.5  $\mu$ l
- High operating pressure: 20 bar
- Wide temperature range: -20 to 195 °C
- Reaction types:  $A + B \rightarrow P1 + C \rightarrow P2 + Q = P$
- Inert wetted materials: PTFE, ETFE, FFKM, Glass
- Dedicated software for automated data logging & sample collection

### DIMENSIONS

- 660 (W) x 430 (D) x 480 mm (H)



CHEMTRIX BV DEVELOPS & PRODUCES  
CONTINUOUS FLOW REACTORS & SYSTEMS  
FROM LAB TO PRODUCTION





CHEMTRIX BV IS HEADQUARTERED IN THE NETHERLANDS

WITH OUR GLOBAL OFFICES & LABORATORIES  
WE ASSIST OUR CUSTOMERS WITH LOCAL CHEMICAL  
& TECHNICAL SUPPORT

**CHEMTRIX**  
Scalable Flow Chemistry

Chemtrix BV  
Galvaniweg 8a  
6101 XH Echt  
The Netherlands

T +31 46 70 22 600  
info@chemtrix.com  
www.chemtrix.com

strategic partner of

**3M** Science.  
Applied to Life.

Details of our global offices and labs can be found at [www.chemtrix.com/contact](http://www.chemtrix.com/contact)

The data in this brochure was valid at the time of publishing, and is subject to change without notice. Chemtrix BV reserves the right to modify its product at any time without further obligation.