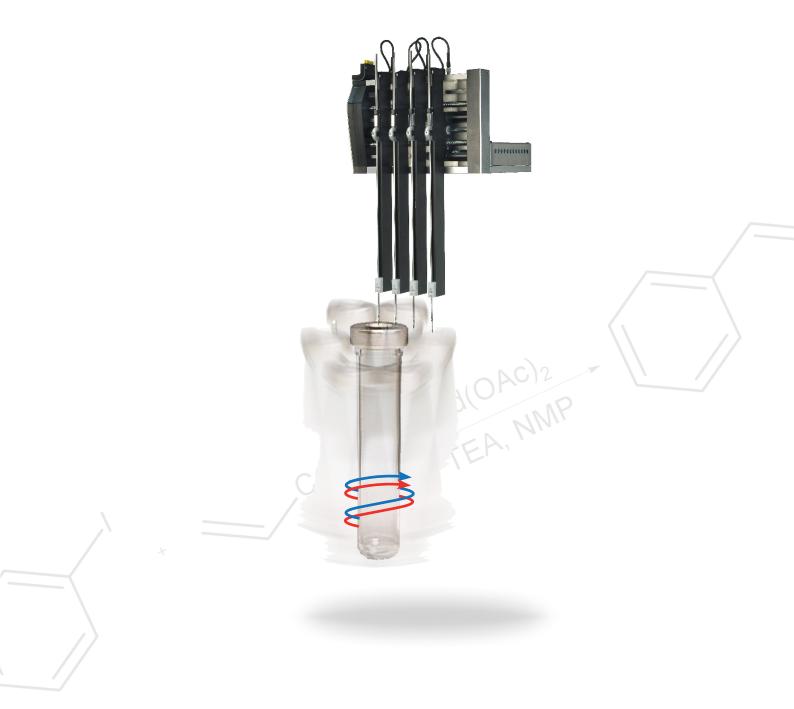


from concepts to success

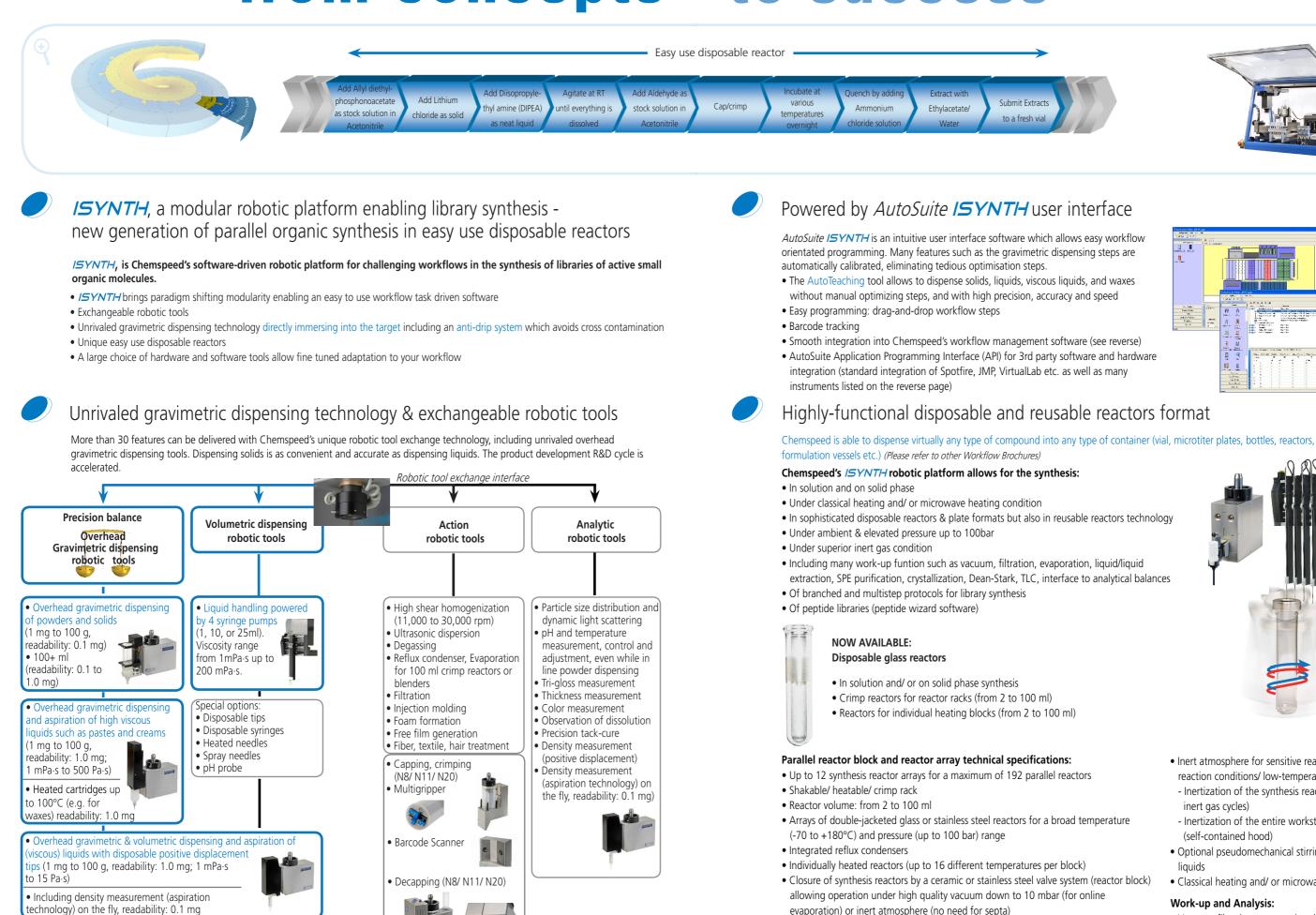
- Library synthesis -

New generation of parallel organic synthesis in easy use disposable reactors





from concepts to success



• Liquid gas dispensing (up to

2,000 g, readability: 0.1 mg)

• Efficient yet gentle vortex mixing (up to 1,400 rpm), even while accessing the reactor



C., Falls Fallstink Ind. S. Chuis F. Mos. :



- Inert atmosphere for sensitive reagents/ inert reaction conditions/ low-temperature chemistry: - Inertization of the synthesis reactors (vacuum/
- inert gas cycles) - Inertization of the entire workstations (self-contained hood)
- Optional pseudomechanical stirring for viscous liquids
- Classical heating and/ or microwave conditions
- Work-up and Analysis:
- Vacuum, filtration, evaporation, liquid/liquid extraction, SPE purification, crystallization, Dean-Stark, TLC, interface to analytical devices, etc.

Accessories

All tools and accessories of Chemspeed 's Swing, Synthesizer SLT II, Swave, AutoPlant, Formax, Applicator and Investigator are fully compatible with the **ISYNTH** robotic platform and vice versa (see the high output product development spiral below). Please refer to Chemspeed's other workflow brochures for modularity examples.

- Reusable reactor arrays
- Microwave reactors for batch and continuous microwave-assisted synthesis
- Connection to HPLC (MS), GC (MS) including interfaces
- Large choice of sample, reagent and customized racks
- Additional on-board balance for vial and plate weighing
- Cleaning module
- Tailor-made customer care module



High output product development spiral

Chemspeed's AutoSuite workflow management software integrates with:

1. All of Chemspeed's robotic platforms for

- Sample preparation workflows
- Parallel array synthesis workflows
- Parallel process research workflows
- High output formulation workflows
- High output application workflows
- High output testing workflows

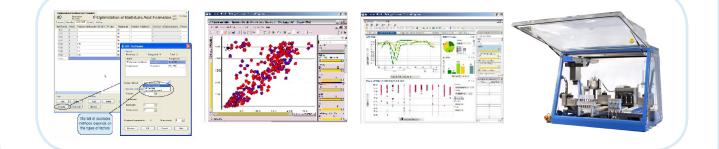
2. Third party instruments

Chemspeed integrates a vast number of 3rd party components (e.g. in robotic tools). Please refer to Chemspeed's Worfklow Portfolio brochure and/ or contact your Chemspeed's representative.

3. Third party software such as

- SpotFire (premium data visualization and selection)
- JMP (design of experiments DoE)
- VirtualLab (lab journal, workflow management, instrument control)
- and many other laboratory software through industry standard languages (SQL, .net, C#, etc)

Harware - Software - Logistics Chemspeed Technologies offers all.





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