SYSTAG
automatically better

PROCESS AUTOMATION

Automation that grows with your requirements.

From parallel reactors to production plants

MODULAR · SCALABLE · FUTURE-PROOF



Product Overview

Automation delivers reliable results.

Greater reproducibility, efficiency and safety, regardless of who operates the process.

REPRODUCIBLE

Execute every experiment consistently for reliable results and complete traceability.

EFFICIENT

Run experiments in parallel and accelerate development through data-driven recipe automation.

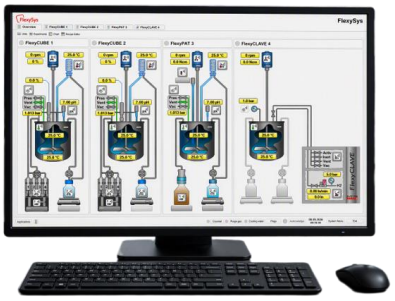
SAFE

Monitor critical process conditions and respond automatically before limits are exceeded.

Your first steps to automation

Reactor + hardware + software = automated synthesis





WHY TAKE THIS STEP WITH SYSTAG?

Swiss engineering and automation expertise since 1965
Trusted partner from process development to production
Long-term commitment to support, service and future expansion

One automation platform scales from millilitres to production.

One software supports development, scale-up and production.



FlexyCUBE

1–400 mL
Rapid screening and early process development

1–6 parallel units · −80 to 280 °C · Glass up to 1.5 bar · steel/Hastelloy up to 200 bar · DoE (Design of Experiments) · QRA (Quantitative Risk Assessment)



FlexyPAT

<0.5 to 20 L+
Process optimization and scale-up

1–6 reactors · Standard lab equipment · Synthesis process optimization · Share data across the organization · Prepare for scale-up · PAT (IR, Turbidity, ...)



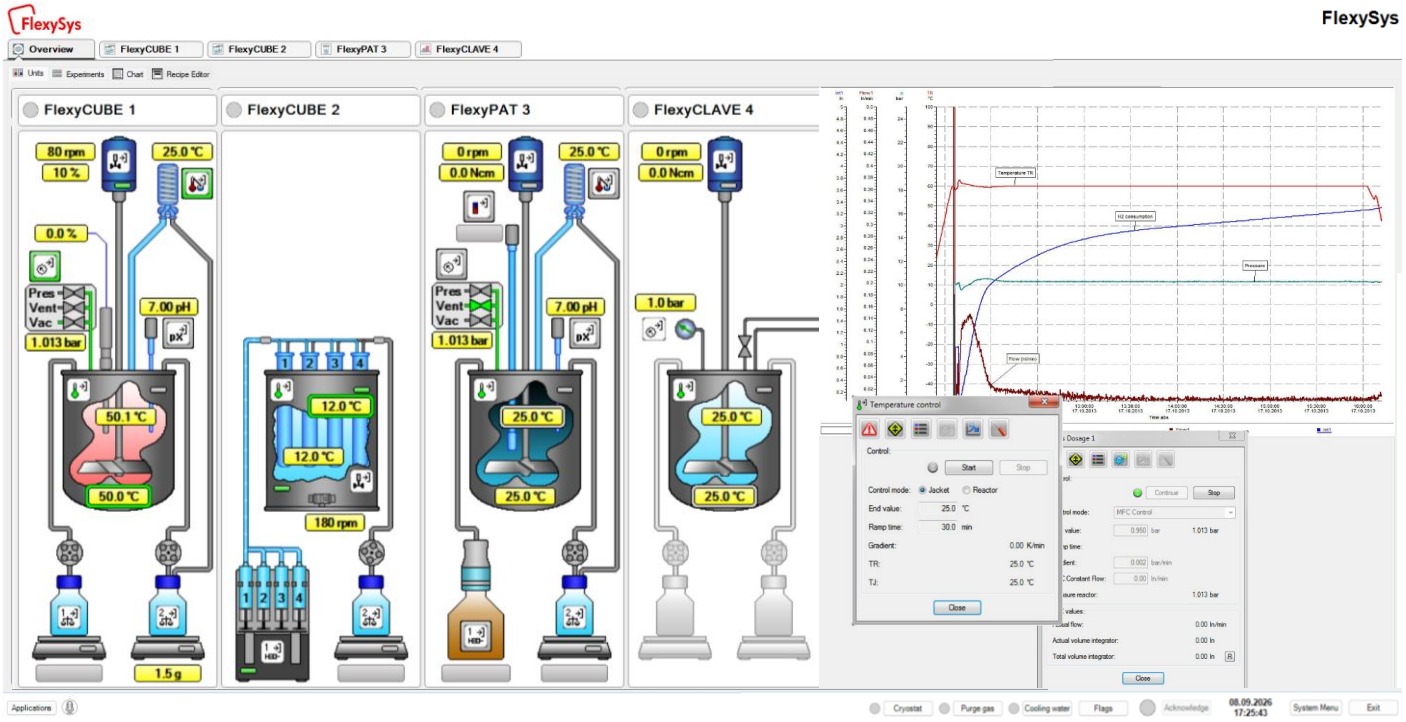
FlexyPlant

5–500 L
Pilot and production automation

1–6 units · pilot reactors · customer-specific automation · ATEX and non-ATEX · GMP

FlexySys combines control, recipes and data.

Intuitive automation for manual operations and fully automated recipes.



400+

software functions from a modular library

CONTROL

Control reactor parameters with one click.

RECIPES

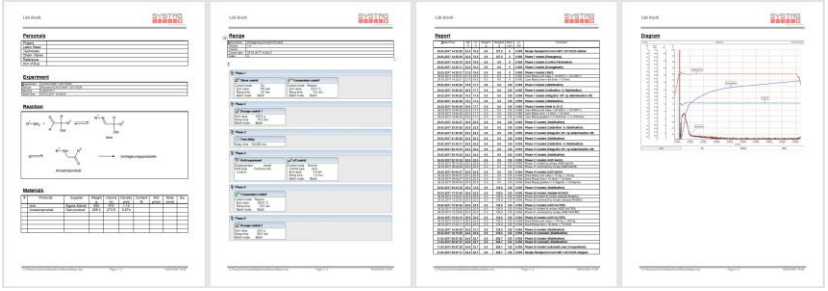
Plan workflows via drag and drop and execute them reproducibly.

DATA

Monitor process trends online and export data for analysis.

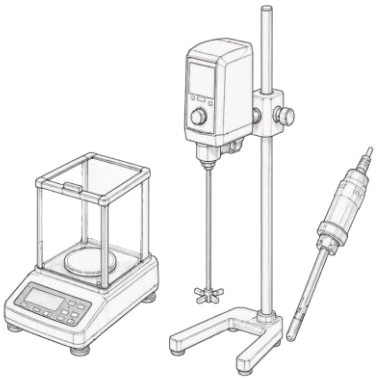
REPORTS

Automatically generate complete experiment reports.



Open to peripherals, data and new applications.

Modular interfaces protect your investment and keep the system expandable.



PERIPHERALS

Broad compatibility with temperature control units, balances, pumps, stirrers and other laboratory equipment.



RemoteX

Monitor process parameters remotely and control reactors from a tablet or smartphone.



CollectX

Automatically exchange experimental data with servers, archives and other systems.

From planning to operation

Turnkey solutions · Installation & training · IQ/OQ · Remote and on-site service · Maintenance & updates

Expandable.
Backward-compatible.
Open to existing laboratory infrastructure.

PRODUCTIVE TODAY.
EXPANDABLE TOMORROW.

Your processes change. Your automation grows with them.

SYSTAG combines modular hardware, intuitive software and long-term service in one integrated solution.

Let us automate your next process step together.

Contact us:

SYSTAG System Technik AG

Distributor:

LPP Equipment AG
Strickstrasse 15
8610 Uster
Switzerland

Phone: +41 52 624 60 10
E-mail: info@lpp-equipment.com