nControl™

Immune System for the Factory™

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Biomedical manufacturing processes require precision, high quality standards, and scalability from R&D to production. nControl™ makes factories smarter, so you can learn from your process data and accelerate improvements in productivity and quality.

Integrate Data with nControl™ Warehouse
Combine sensor and analytical data from multiple sources seamlessly into a single database, so you can analyze the entire production process in one place.

Catch Process Failures Early with nControl™ Monitoring
Real-time generative AI analysis of process data allows early detection of anomalies that may lead to process failures and quality problems. nControl™ Monitoring lets you catch bad batches before they happen and diagnose the root cause automatically. KPI monitoring models also allow real-time prediction of key quality metrics, so you can catch potential quality problems before they happen.

Optimize Process Development with nControl™ Autonomous
Reinforcement learning AI models use your process data to automatically optimize process settings for improved yield or quality measurements, accelerating new process development.

APPLICATIONS • • • • • • • • • • • • • • • • • •
- Small molecules
- Advanced materials
- Nanoparticles
- Cell culture and fermentation
- Biosensors
- Medical imaging devices
- Sequencing devices

BENEFITS •
- Higher yields
- Higher uptime
- Higher quality
- Faster process development