

Symyx Notebook for Molecular Diagnostics Lab Notebooks

Symyx Notebook improves the secure capture and re-use of information associated with the discovery, prototype design, assembly, and performance testing of diagnostic devices—enabling scientists to record, find, report, reuse, share, and protect critical intellectual property in regulated and non-regulated environments.

Improved device development workflow

After completing device design within the Notebook, scientists can request prototype assembly via Notebook messaging. Notebook templates enable scientists to capture information pertaining to prototype design, assembly, and testing in the context of defined workflows. Shared methodologies and document repositories ensure consistent information capture and improved capabilities to compare information, assess performance results, and optimize device designs.

Full IP Protection

Full Notebook auditing ensures effective protection of intellectual property (IP) associated with molecules and diagnostic devices. Easily customizable document templates help scientists follow standard procedures, minimizing the risk of poorly documented, illegible, improperly authenticated, or misplaced IP required for patent submissions or defense.

Capture and re-use information

Using configurable forms and templates, scientists can consistently capture experimental information in a central, easily shareable notebook. With quick and easy access to past experiments and knowledge, scientists benefit from the experience of others as well as from their own experimentation. Scientists can take advantage of full text searching of both documents and embedded files—even form fields and annotations in images—to explore and recall information within and across experiments.

Support for regulated and non-regulated environments

Secure versioning, electronic signatures, and audit trails help to address internal Quality Assurance requirements while supporting work in 21 CFR 11 and current Good Practice (cGxP) environments.

Efficient technology capture and knowledge transfer

Accurate documentation and technology transfer are considered from the beginning of the project, ensuring knowledge retention in the event of resource attrition.

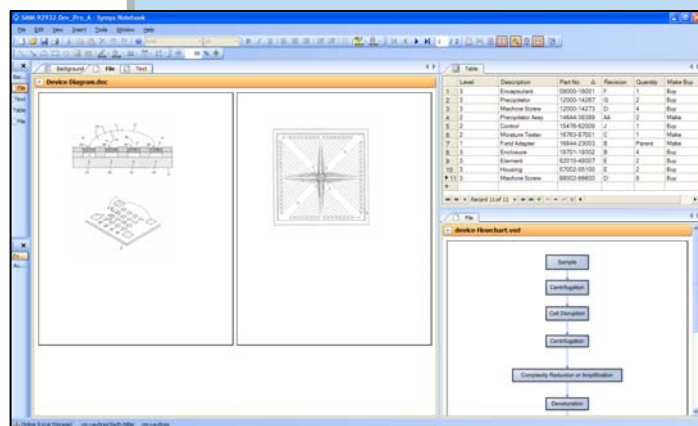


Figure 1: Insert CAD drawings, materials manifests and flow diagrams for device prototype assembly and testing.

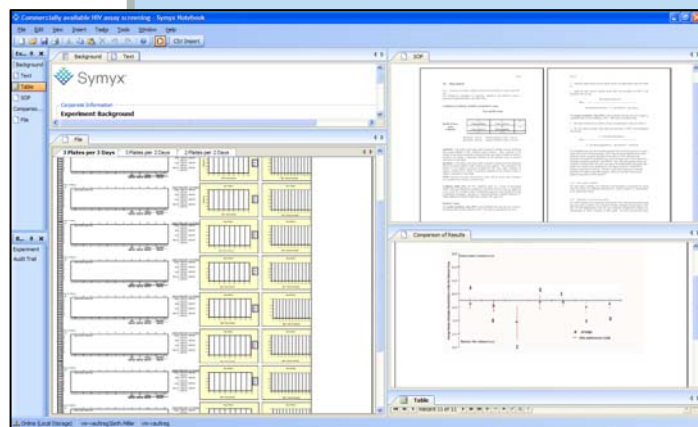


Figure 2: Streamline analysis of test results. Easily configure the notebook to view devices test results side-by-side against standard assays.

