

THE ADVANCED AGENDA

What we are building

Connecting analytical technologies, laboratory supply and digital intelligence — an evolving platform for science and cross-border business.



Analytical work is the starting point: instruments, reliable components and access to specialized solutions.

CURRENT INITIATIVES

Portfolio expansion

Raytor adds dissolution, transdermal diffusion, new compound analysis and laboratory automation to the equipment portfolio.

Digital operations

ORBIT connects customers, proposals, services, inventory and controlled documents within Advanced's operating environment.

Next in development

Depth Stride is being developed as a B2B workspace for document analysis and specialized knowledge research.

01 / THE FOUNDATION

Keeping analytical work moving

Today's portfolio connects analytical instrumentation with original parts, PM kits, replacement components and consumables. Part-number identification and instrument compatibility remain central to selecting the right solution.

The scope extends from chromatography and spectroscopy to equipment for pharmaceutical laboratories. Life sciences, biotechnology and research applications give this portfolio its practical context.

The online catalog links product identification to quotation requests. Equipment families and application pages complement that parts-led entry point into the portfolio.

02 / ACCESS & EXPANSION

Science needs access

International sourcing and distribution connect manufacturers and laboratories across the Americas and Europe. Advanced combines technical knowledge with commercial support and international business development.

Raytor broadens this work into dissolution, diffusion and laboratory automation. Advanced Life Sciences USA is an Authorized Distributor of Raytor; that authorization is specific to this manufacturer.

The current portfolio combines chromatography components with specialty lamps and pharmaceutical instruments. It is an expansion of laboratory access, not a claim that Advanced manufactures every product.

03 / DIGITAL DIRECTION

More than one digital product

Pharma Intelligence 4.0 addresses compliance and data intelligence for regulated pharmaceutical operations. Its product presentation connects paperless validation with batch, deviation and audit information.

ORBIT supports the operational side of the ecosystem. Depth Stride follows a separate development path focused on B2B document analysis and specialized knowledge. These are distinct initiatives, not interchangeable platforms.

The next step is a broader connection between scientific information and day-to-day business workflows. Each initiative retains its own purpose, product presentation and development context.

"Science needs more than technology. It needs access."

CURRENT PORTFOLIO / NEXT DEVELOPMENT

A connected direction, without conflating the products

Parts, consumables and equipment form the supply portfolio. Sourcing and distribution create cross-border access. Digital operations and specialized intelligence extend that direction — while Depth Stride remains explicitly under development, with no claim of market success or a fixed launch date.

PRODUCTS & SOLUTIONS

From components to intelligence

A closer look at the technologies and product lines behind the platform.



DIGITAL PRODUCT / REGULATED OPERATIONS

Pharma Intelligence 4.0

A compliance and data intelligence platform designed for regulated pharmaceutical operations. The current product presentation brings paperless validation, batch records, deviations and audit data into a connected record. Its architecture emphasizes electronic signatures, traceable audit trails and controlled evidence. The stated regulatory alignment includes FDA 21 CFR Part 11, ANVISA RDC 658/2022 and EMA Annex 11 — not a claim of certification.



HPLC / UHPLC Parts & PM Kits

Replacement components and preventive-maintenance kits support analytical instrument upkeep. The catalog covers pumps, autosamplers, seals, valves, fittings and tubing, with Waters, Agilent and Hitachi among the represented platforms. Selection follows the part number and instrument model; a platform reference does not imply manufacturer authorization.



Analytical Equipment / Raytor

Advanced Life Sciences USA is an Authorized Distributor of Raytor. The portfolio includes dissolution testing, transdermal diffusion, new compound analyzers, laboratory automation and analytical instruments. Families such as RT600, RT800 and NCE support pharmaceutical development and quality-control workflows; specifications remain model-specific.



Deuterium Lamps

Ultraviolet light sources serve HPLC, UHPLC and UV-Vis systems, including DAD and VWD detectors. Advanced supplies original manufacturer lamps and compatible alternatives according to the instrument and application. Electrical characteristics, mounting and optical alignment guide selection — original and compatible are not the same designation.



Chromatography Consumables

Columns, vials, filters, frits and tubing form the consumables layer of analytical workflows. Existing categories include C18, HILIC and SEC columns alongside seals and fittings. Advanced's approach connects the consumable to the method and instrument rather than treating every item as universally interchangeable.



Life Sciences & Biotechnology

The application portfolio supports pharmaceutical, biotechnology and research laboratories. Its focus is analytical technologies, components and consumables for research, development and quality control. This is a laboratory-solutions scope, not a claim to manufacture medicines or treat patients.



SEPARATE INITIATIVE / IN DEVELOPMENT

Depth Stride

An AI workspace being developed for the B2B market: document analysis and research into specialized knowledge. It is distinct from Pharma Intelligence's regulated-operations focus. Depth Stride remains under development; no established market impact or definitive launch date is implied.