

# CARON SCIENTIFIC

*Setting the Standard in Environmental Control*

## PHOTOSTABILITY CHAMBERS



# WHO WE ARE

At Caron Scientific, we turn laboratory challenges into opportunities for innovation. Our state-of-the-art photostability chambers are expertly designed not just to meet, but to exceed the stringent demands of pharmaceutical, biotech, and industrial sectors. With total control over light exposure and temperature, these chambers adapt effortlessly to your space, removing the constraints of traditional lab setups.

Step into the future of research with Caron Scientific, where every system is designed for peak functionality and efficiency.

When it comes to pharmaceutical research, choosing the RIGHT photostability chamber is key. Caron's 7540-Series Q1B Photostability Chamber is designed with your needs in mind, offering a range of features that ensure ease of use, consistent outcomes, and the fastest results on the market.



## THE CARON COMMITMENT

Caron's commitment to delivering top-notch photostability chambers goes beyond the product. We provide the support and solutions your lab needs to thrive. Choose Caron for a seamless, efficient, and reliable photostability testing experience.

## FASTEST ICH Q1B OPTION II ON THE MARKET

In the race against time, Caron's 7540-Series takes the lead. Our chambers allow for fast photo exposure, enabling you to test more samples, reduce development time, and ultimately save costs. With unrivaled time to exposure, our next-generation chambers combine efficiency with the preferred ICH Option II test method.

### KEY FEATURES:

- ✓ **HIGHLY VALIDATABLE:** Built-in access ports, individual light sensors, and user-friendly controls make validation efficient.
- ✓ **EASY MAINTENANCE:** Front and back assemblies are easily accessible, and components slide out on trays, reducing downtime.
- ✓ **TEMPERATURE OPTIONS:** Available 5°C operation for long-term testing of refrigerated drugs, ideal for vaccines and biologicals.

## CUSTOM FIT FOR COMPLEX LABS

Caron's lineup is engineered for flexibility, supporting everything from drug stability studies to routine substance checks. By tackling environmental challenges such as heat degradation and humidity head-on, and offering a comprehensive range of chamber accessories, we ensure your lab has the customization it requires.

## CONSISTENT AND PRECISE OUTCOMES

When it comes to your samples, we know that uniform conditions are non-negotiable. Caron's hardware delivers

- ✓ **UNIFORM LIGHTING CONDITIONS:** Densely spaced bulbs, reflective aluminum panels, and precise light sensors create a work area with 10-15% VIS uniformity.
- ✓ **ICH COMPLIANCE:** Meets ICH requirements consistently, thereby eliminating the risk of overexposure which is commonly seen in Xenon-powered units.
- ✓ **TEMPERATURE CONTROL:** Built-in tight  $\pm 2.5^{\circ}\text{C}$  temperature uniformity prevents thermal effects, ensuring the accuracy of your test results.

## USER-FOCUSED DESIGN FOR EFFICIENCY

- ✓ **UNIFORM LIGHT:** Highly reflective aluminum panels and spectrally-specific shelves ensure even light transmission.
- ✓ **FAST RESULTS:** Nearly 80% of shelf space is validatable as usable space, with built-in access ports and individual light sensors for highly validatable results.
- ✓ **EASY TO SERVICE:** Front and back assemblies are easily accessible, components slide out on trays, and tool-less lamp changing reduces maintenance time.
- ✓ **CUSTOM ACCESSORIES:** Caron offers a range of chamber accessories for tailored customizations to fit your lab's exact needs.

## SIMPLICITY REDEFINED

AT CARON, WE UNDERSTAND THAT COMPLEXITY SHOULD NOT BE A BARRIER. THAT'S WHY OUR PHOTOSTABILITY CHAMBERS BOAST POWERFUL FEATURES INCLUDING:

- ✓ **INTUITIVE CONTROLS:** The 7" color touchscreen control interface is powerful, while also user-friendly.
- ✓ **COMPACT FOOTPRINT:** The compact benchtop design takes up less than 8 square feet, maximizing your valuable lab space.
- ✓ **AUTOMATIC OPERATION:** Set-and-forget functionality with an automatic cycle for hassle-free operation.
- ✓ **CLEAR STATUS DISPLAY:** Easily monitor cycle status, and straightforward setup for custom exposure protocols.



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