

**TriMark Scientific**, formerly R.W. Smith, designs and installs custom plant growth rooms for various research, pharmaceutical, agriculture, and biotech facilities.

## PRECISION AND EFFICIENCY

TriMark's Plant Growth Rooms are custom engineered for an array of pharmaceutical and research applications, as well as for plant science. Built to provide precise climate control, uniform airflow, and optimized lighting, these environments ensure reliable and repeatable studies.

## STANDARD FEATURES

- ◇ PID temperature controls
- ◇ Modular insulated panels, R28+
- ◇ Low-profile air-handlers
- ◇ A2L compliant refrigeration systems are provided as standard for new rooms.

Room panels feature corrosion-resistant white aluminum (custom stainless steel and other finishes are available).

## RELIABLE PERFORMANCE

- ◇ Custom adjustable setpoints, capable of providing reliable conditions and simulating specific environments, with tolerances to  $\pm 0.5^{\circ}\text{C}$
- ◇ Optional humidity controls, typically maintained between 40% and 60% RH,  $\pm 2\%$  to  $\pm 5\%$  RH
- ◇ Fully customizable and adjustable light controls; all types and configurations, including LED and UV options



## AVAILABLE OPTIONS

INCLUDE, AND ARE NOT LIMITED TO:

- ◇ Partlow chart recorders
- ◇ Humidity controls,  $\pm 1.0\%$  RH
- ◇ Adjustable, full or partial spectrum, and programmable diurnal light controls
- ◇ Extended warranty
- ◇ Redundant or semi-redundant systems
- ◇ Custom tables, shelving configurations
- ◇ Custom room configurations & finishes
- ◇ Custom door sizes and entrance ramps
- ◇ Insulated view windows
- ◇ Key card and other secure access
- ◇ Scalable, turnkey solutions, consulting, *and more*

TriMark Scientific

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