



TOTAL CONTROL AT YOUR FINGER-TIPS!



bronson
CLIMATE BV

BRONSON CLIMATE

Bronson is an organisation that prides itself on the development and production, sales, service, and maintenance of high quality laboratory equipment such as climatic chambers and plant growth facilities.

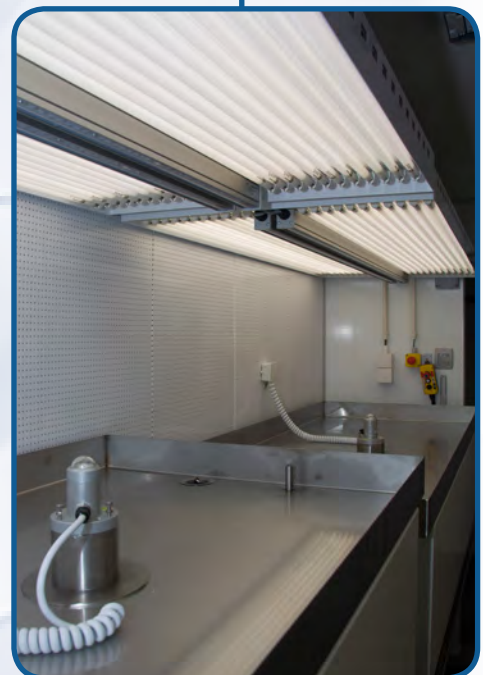
Bronson equipment is recognised for its robust construction and multi-functionality making it an ideal solution for a broad range of applications within the laboratory or production environment.

Dutch writer Simon Carmiggelt (1913-1987) once said:

"The fascinating part of our climate is, I believe, that it is capable to deliver four seasons within one week."

Bronson products go one step further. The Bronson product range is able to deliver the desired climatic conditions including temperature, relative humidity, light and CO₂, at any moment and at any Institution. It's all in your hands!

Ultimate Climate control thanks to the expertise of Bronson!



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Every researcher looks for; reproducibility, stability, control, and efficiency in his work. The plant growth cabinets and rooms of Bronson Climate B.V. meet all these criteria. The climatic chambers and plant growth facilities have been designed and developed based on many years of experience to create very reliable and exceptionally flexible products.

Amongst other things, the growing cabinets and rooms can be utilised for plant growth and seedling research, root creation, tissue culture, seed germination and other desired applications. Customised client specific solutions are available due to our own in-house production facility.



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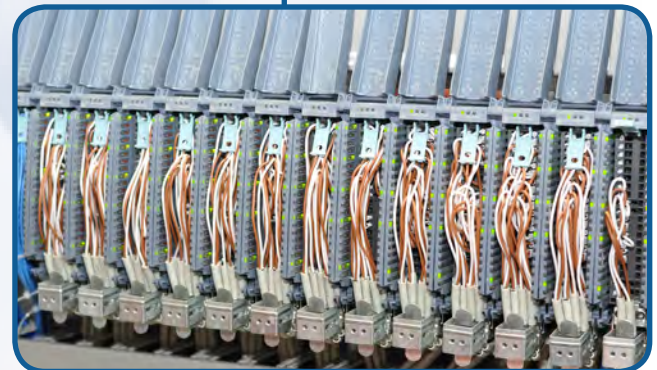


Bronson Climate is recognised for its Tailor made multi-functional walk in climate rooms. The rooms are constructed to customer specific sizes in new or existing buildings, therefore maximising available space.

In our climate rooms, temperature, air humidity, light intensity, airspeed, CO₂ and watering can be adjusted according to your need with great accuracy.

Here are some key features:

- Wide temperature and humidity range
- Uniform airflow through pressurized sidewalls
- Many adjustable shelving options
- Lighting controlled for each individual shelf
- Dimmable lighting
- Multi-tier design maximises available growth area



BRONSON CLIMATE

Designed to futureproof against changes in research direction by adding value within the hardware and software design. Light is an indispensable horticultural production tool and a key factor in plant research.

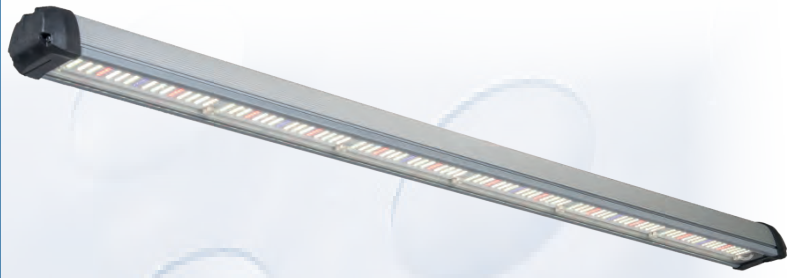
Bronson offers a wide range of state-of-the-art lighting products designed to meet the unique needs of plant growth and tissue culture researchers.

With the LED research modules, you can decide for yourself how much white, blue, red and/or far red light you want at any given moment.



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With the introduction of LED technology, its flexibility in light spectra has generated new opportunities not only to save energy, but to provide versatility in what can be achieved with artificial lighting. Valoya's wide product selection includes models suitable for various growth environments, from small growth chambers to large walk-in rooms and greenhouses. For creating highly controllable integrated systems for chambers and rooms Valoya is collaborating with Bronson Climate



AUTHORISED SYSTEM INTEGRATOR
Valoya



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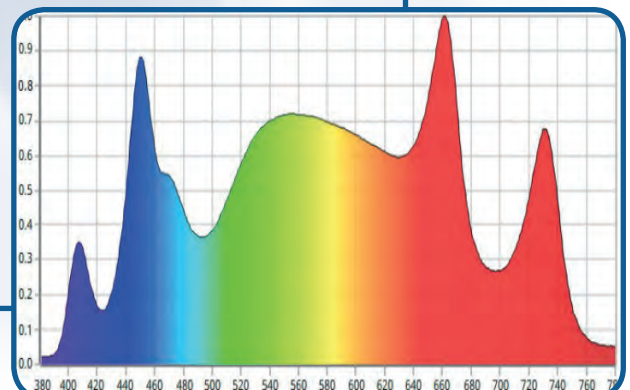
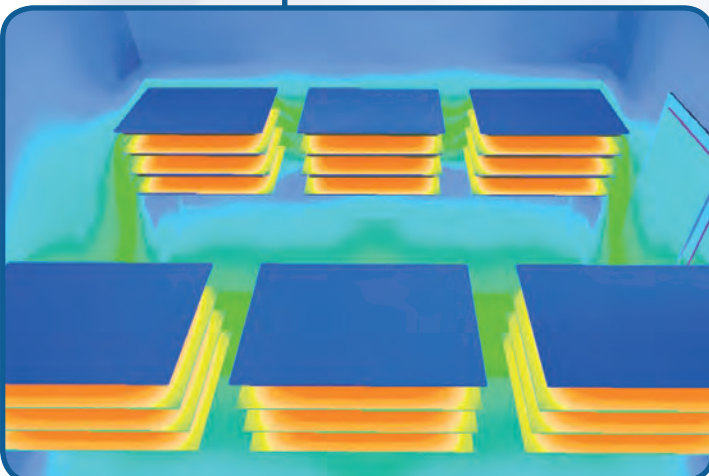
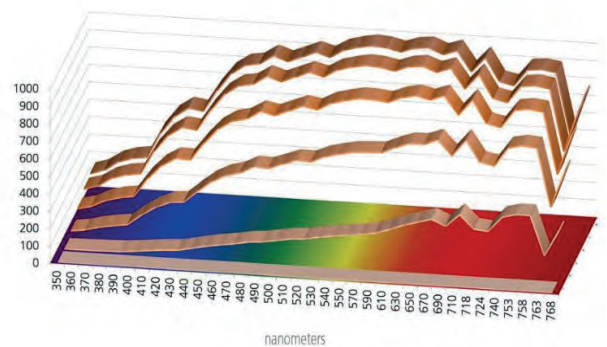
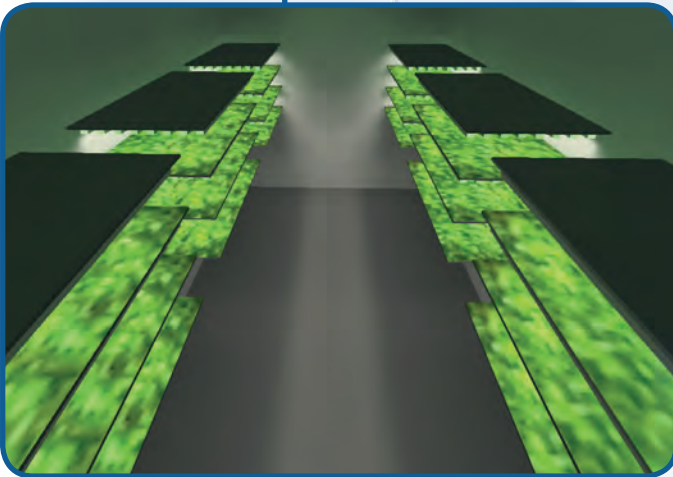
UPRtek



Since light is an important production tool for growers and a key factor in plant research, Bronson Climate makes use of experts who conduct field trials together with horticultural firms and experts from the research community. These tests prove the versatility and cost effective potential of LED solutions to optimize crop yield and quality.

With Dialux we design, calculate and visualize light professionally for single shelf, whole cabinets, or even a complete room. Bronson Climate constantly undergoes further development to meet the user requirements of modern lighting design and lighting calculation.

Bronson Climate and UPRtek perform accurate measurements with the Spectrometer from UPRtek, we know exactly what the spectrum is and how many $\mu\text{mol}/\text{m}^2/\text{s}$ (PPFD) you achieve.



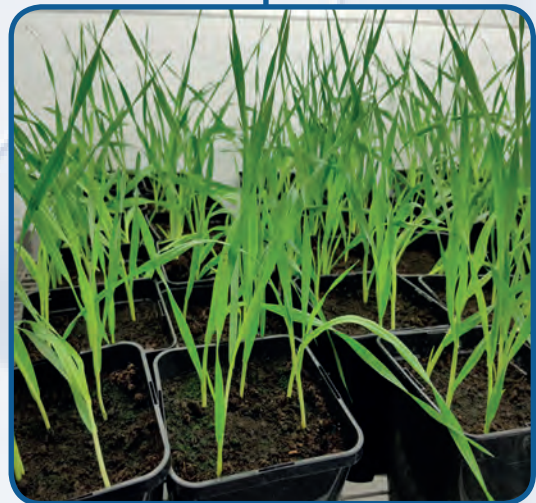
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Temperature is a primary factor affecting the rate of plant development. Warmer temperatures expected with climate change and the potential for more extreme temperature events will impact plant productivity.

Humidity plays a major role in plant growth, and it's effects are often underestimated or overlooked. We provide you with the tools for precision control of the humidifier and the dehumidifier.

Bronson climate offers tailor made building solutions to achieve smarter, more optimized and energy efficient growth rooms

We provide a comprehensive array of consulting services, customized primary to research and development.



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Environmental rooms used for industrial testing and pharmaceutical storage are designed to your requirements.

Our engineering design is tailored to achieve the capabilities required by the client.

Your design can be entirely unique to a specific application which Bronson Climate can deliver.



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BRONSON GROWS



BRONSON CLIMATE B.V.

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