

Does Orange photonics offer potency testing?

Potency Testing. Now, with Orange Photonics' LightLab 3 analyzers, anyone can quickly, easily and accurately analyze the potency of cannabis or psychedelic mushrooms in-house or in the field and access accurate results in just minutes. How Can Your Business Benefit?

What is a LightLab 3 analyzer?

Tests: Tested and trusted by regulators, law enforcement and High Intensity Drug Trafficking Area (HIDTA) programs across the United States. Orange Photonics' LightLab 3 analyzers allow anyone to quickly, easily, accurately analyze the potency of cannabis or psychedelic mushrooms.

What is a high sensitivity cannabis analyzer?

Tests: With 30 times higher sensitivity than the standard model, LightLab 3 High Sensitivity (HS) Cannabis Analyzer can quantify cannabinoids below 2 ppm in nearly any cannabis product type including edibles.

Tests:

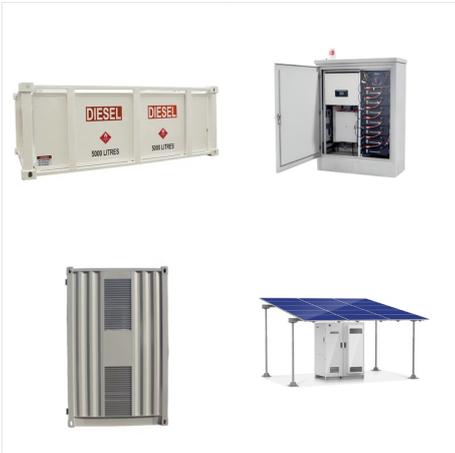
How does LightLab 3 psycanna analyzer work?

Tests: LightLab 3 PsyCanna Analyzer measures the potency of psychedelic mushrooms as well as cannabis plants and cannabis-containing products. Tests: Tested and trusted by regulators, law enforcement and High Intensity Drug Trafficking Area (HIDTA) programs across the United States.

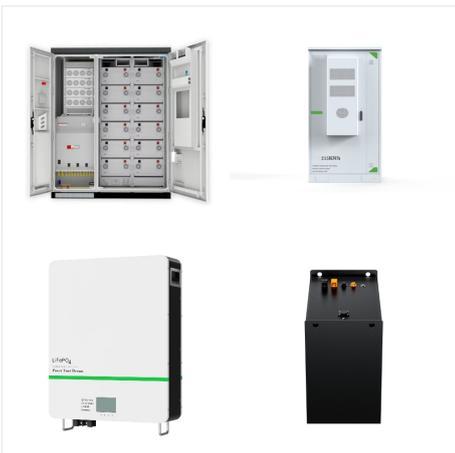
Does Orange photonics have a relationship with other companies?

Orange Photonics has no relationship with other companies. NOTE: This pricing applies to US and Canadian customers only. For international inquiries please contact sales@orangephotonics.com or call 603-573-9212.

ORANGE PHOTOVOLTAICS POTENCY ANALYZER



LightLab 3 tests the potency of seven major cannabinoids including I?9-THC, THC-A, CBD, CBD-A, CBN, CBG, and CBG-A. Standard Cannabis Analyzer; Psychedelics Analyzer; PsyCanna Analyzer; Law Enforcement Analyzers I am a Regulator. I am an Educator. By clicking "Submit" I agree to be contacted by Orange Photonics via email. You may



LightLab 3 Psychedelics Analyzer comes Factory Calibrated and with all the accessories you need to run samples straight out of the box. Included: Sample Warmer Sample Shaker Portable Scale Sample Grinder Training: Your purchase includes LightLab 3 Basic User Training. This 1-hour Virtual Training Session covers: Basic operation Testing workflow Best practices Set-up a?|



LightLab | Cannabis Potency Analyzer Portable Cannabis Analysis Portable, tough and low cost, LightLaba?c brings accurate cannabis potency analysis out of the laboratory. The LightLaba?c quality control tool Orange Photonics, Inc. +1 603 573 9212 info@OrangePhotonics

ORANGE PHOTOVOLTAICS POTENCY ANALYZER



This portable HPLC potency testing device provided real-time data insights, enabling them to optimize various processes: 1. Ethanol Spraying and Separation: By using LightLab data, the user could determine the optimal settings for their ethanol spray and auger during the distillation process, maximizing cannabinoid extraction and efficiency.



LightLab 3 High Sensitivity (HS) Cannabis Analyzer is a gamechanger! Reduce your testing costs while building out a robust internal testing program. With LightLab, anyone on your team can test the potency of up to 19 cannabinoids and semi-quantitative terpenes in plants, concentrates and edibles at a fraction of the cost of lab testing.

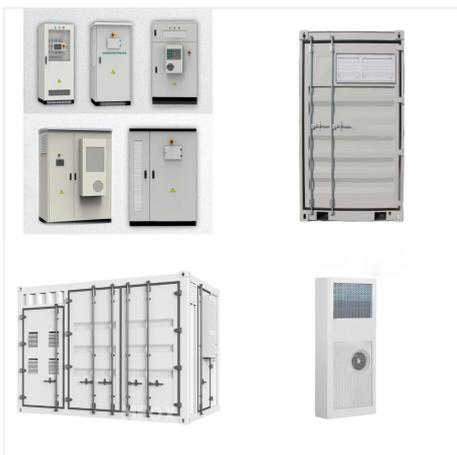


LightLab uses the same technique as a cannabis laboratory a?? High Performance Liquid Chromatography (HPLC). This analytical technique separates cannabinoids in the sample before quantification, resulting in high confidence and accuracy. Once the cannabinoids are separated, multi-wavelength UV spectroscopy is used to quantify the amount of each cannabinoid.

ORANGE PHOTOVOLTAICS POTENCY ANALYZER



A critical element of Spiritus Oregon's manufacturing process is the integration of LightLab 3 Psychedelics Analyzer (Psy), an analytical tool by Orange Photonics that can test the potency of psilocybin, psilocin and AcO-DMT. LightLab 3 Psy plays a pivotal role in maintaining the high standards set by Spiritus Oregon.



The LightLab 3 PsyCanna Analyzer tests the potency of up to 19 cannabinoids, plus psilocybin, psilocin and AcO-DMT using high performance liquid chromatography. With LightLab 3 PsyCanna, quickly and easily test psychedelic mushrooms and mushroom-infused products, as well as cannabis plants, concentrates and edibles in-house or onsite.



LightLab 3 High Sensitivity (HS) Cannabis Analyzer offers cannabis operators access to accurate, real-time potency data. Third-party labs can take days, or even weeks to return results. Third-party labs can take days, or even weeks to return results.

ORANGE PHOTOVOLTAICS POTENCY ANALYZER



Access productivity information including test volume per instrument, potency and yield attributes, unique cultivar profiles and more. Sign up today "Purchasing the LightLab 3 Analyzer was one of the best business decisions I've made. There is nothing more satisfying than using data to reinforce your intuition and see gaps where you didn't



A chromatogram is the raw data used by LightLab as well as laboratory HPLCs to generate cannabinoid content results. Unlike typical HPLC analysis that relies on only one wavelength for quantification, LightLab 3 uses multiple wavelengths which increases the ability to separate compounds since both spectroscopy and chromatography are used in tandem. . The LightLab a?]



By providing real-time THC potency data, LightLab helps hemp farmers manage THC compliance. "I am thrilled to be able to screen my genetics internally. I believe the CBD results by the Orange Photonics (OP) instrument, LightLab, are as accurate as the results from RPC. I am confident that I can use the OP instrument to guide my breeding

ORANGE PHOTOVOLTAICS POTENCY ANALYZER



LightLab 3 High Sensitivity Cannabis Analyzer tests the potency of 19+ cannabinoids using the same trusted HPLC (high performance liquid chromatography) science employed by cannabis testing labs throughout the United States. Test limitless sample types in-house or on-site including flower, edibles, beverages, concentrates, extractions, young plant, and more, with zero a?|

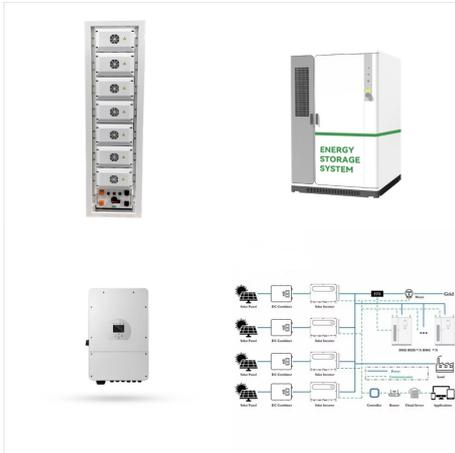


On Friday, July 19, Spiritus Oregon Inc. secured an edibles manufacturing endorsement from Oregon Psilocybin Services, making the company the first legal psilocybin edibles manufacturer in the country. As they ready themselves to begin full-scale production, the team is leveraging LightLab 3 Psychedelics Analyzer for in-house potency testing, to ensure a?|



The accurate and easy-to-use LightLab 3 Cannabis Analyzer lets non-technical users analyze cannabinoid content like a testing laboratory. LightLab uses two common analytical methods, liquid chromatography and spectroscopy, simplifying the process to make on-site testing affordable and easy.

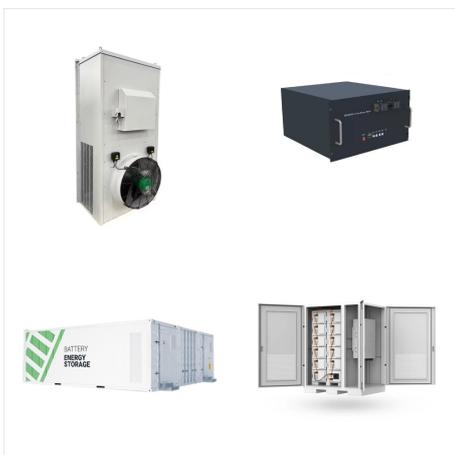
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Calibration Service* is recommended for your LightLab after 1,000 tests or 1-year, whichever comes first. Learn more about LightLab Calibration
*Calibration services are conducted at Orange Photonics. Customers are responsible for outbound shipping. Return ground shipping included for Canadian and US customers.



With LightLab 3 by Orange Photonics anyone on your team can accurately test the potency of cannabis and psychedelic mushrooms without the lab. Username or Email LightLab 3 Psychedelics Analyzers measure the potency of psilocybin, psilocin, and 4-AcO-DMT in psychedelic mushrooms and mushroom-infused products. Easy-to-use. Designed for non



In Sensi's interview style spotlight, Orange Photonics is shares insight into their company, their founders, and the mission behind the Light Lab 3 Cannabis Analyzer. In 2014, Dylan Wilks, a former NASA optics solution provider, realized that there were no on-site testing units for the cannabis industry to test their operational capabilities.

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LightLab 3 Psychedelics (PSY) Analyzer is Orange Photonics' cutting-edge, high performance liquid chromatograph designed to test the potency of psilocybin, psilocin, and AcO-DMT in psychedelic mushrooms and mushroom-infused products. With LightLab, cultivators, manufacturers, educators, and mycology enthusiasts alike can access real-time potency data a?|