

NEXUS II™

UV LED Curing Systems



smart

Nexus II UV LED

NEXUS II DATAHUB™
REALTIME MONITORING

unique

Nexus II UV LED

2x MORE DIODES THAN OUR
LEADING COMPETITORS

reliable

Nexus II UV LED

> 60 000 HOURS
LIFETIME

assured

Nexus II UV LED

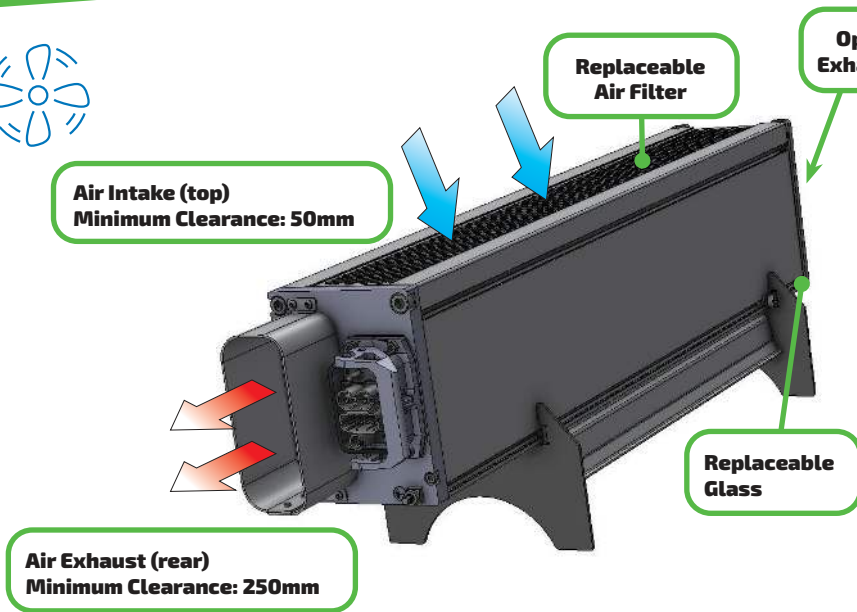
5 YEAR WARRANTY
ON FULL SYSTEM

UV LED CURING INDUSTRY PIONEER SINCE 2002


excelitas®

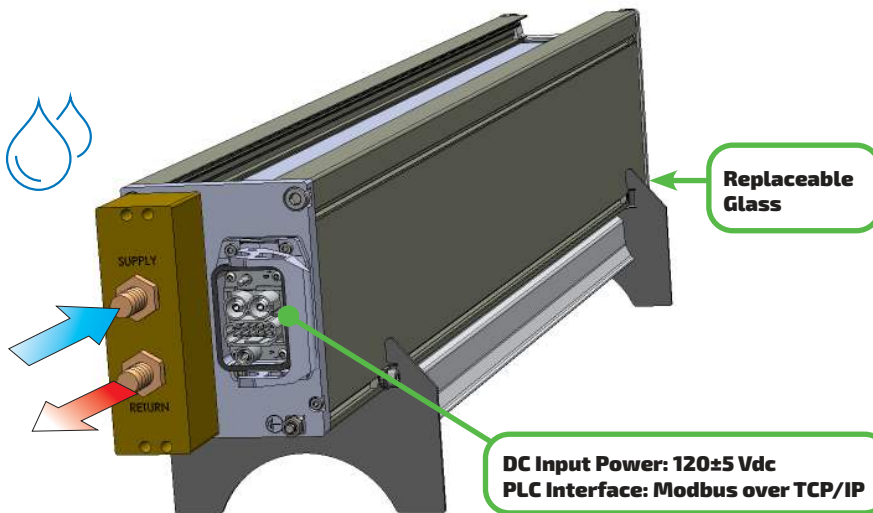
NEXUS II™

UV LED Curing Systems



Nexus II Air Cooled

- web width: 300 - 600 mm
- no chiller / fan blower needed
- 70% less kwh consumption
- up to 720 ft (220m)/min print speed
- quick + easy retrofit to any press



Nexus II Water Cooled

- web width: 300 - 675 mm
- higher dose
- 60% less kwh consumption
- up to 1050 ft (320m)/min print speed
- quick + easy retrofit to any press

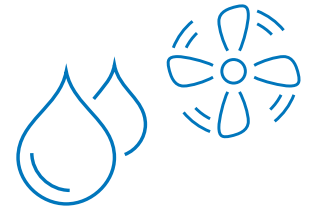
Specification:

Maximum electrical power:	65W AC / 90W WC per cm
Expected diode lifetime:	>60 000h at L90
Maximum operating temperature:	45C for air-cooled lamps
Diode count:	108 diodes per 25mm segment
Maximum print speed:	720 ft (220 m)/min Air Cooled
Maximum print speed:	1050 ft (320 m)/min Water Cooled
Standard cross section:	110mm W x 190mm H

QUALITY BUILT IN

- + self protecting diode design
- + 23 years UV LED experience
- + 5 year warranty on all components
- + longest lifetime in the industry

COOLING BUILT IN



- + Air and water-cooled versions
- + no external fan
- + less energy consumption
- + quick and easy retrofit

PATENTS BUILT IN

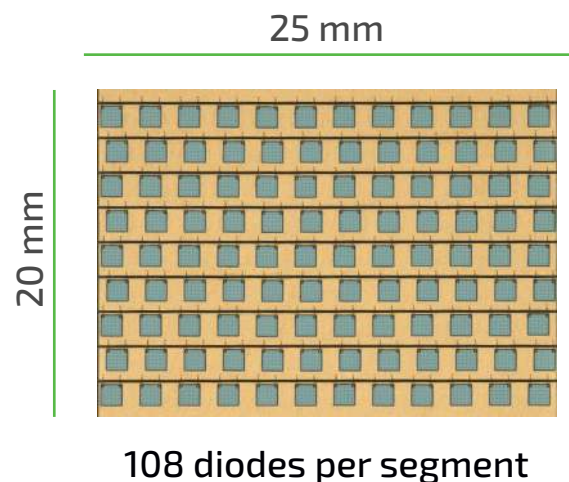
- + over 300 patents in UV LED
- + VALIDCURE™ Technology
- + approved with all UV LED inks
- + highest dose in industry

EFFICIENCY BUILT IN

- + up to 70% less energy consumption
- + air cooling = no compromises on curing
- + highest diode count in industry
- + highest printing speeds in industry

HIGHEST LED DIODE COUNT IN THE INDUSTRY

- more diodes = higher total UV power (dose)
- lower diode junction temperature
- less heat
- + higher lifetime expectancy
- + higher print speeds
- + higher redundancy



NEXUS II™

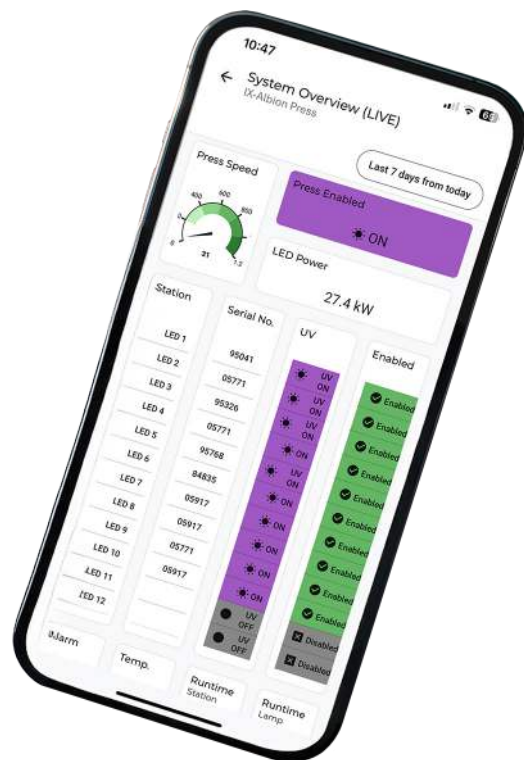
UV LED Curing Systems

Nexus™ DataHub

Your Window into System Performance

Nexus™ DataHub gives you real-time, cloud-based access to critical system data— **anytime, anywhere**. Designed to enhance the performance and serviceability of your Nexus II™ curing system, it goes beyond UV LED performance to also monitor **overall machine performance**.

- **Cloud-Based Access:** View your data from anywhere via our secure web portal or mobile app.
- **Real-Time & Historical Monitoring:** Track performance live or review past data in intervals from 30 seconds to 1 hour.
- **Comprehensive Data Insights:** Monitor a wide range of key metrics, including: overall machine performance, UV intensity, system speed, energy consumption
- **24/7 Operation:** DataHub runs continuously to provide full visibility into your system.
- **Exclusive Benefits:** Nexus DataHub users receive special service and repair discounts.



PROVEN RELIABILITY

5 YEAR WARRANTY FOR ENTIRE SYSTEM



- + investment protection
- + no additional charges, no hidden costs
- + not connected to usage of lamp
- + lowest cost of ownership

Download the Ixon Portal App today!



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excelitas®