

BACKEND LINE

CURING

MSTUVLED BENCH XL395

CURING UVLED BENCHTOP XL395 FOR 500 x 400mm PRODUCTS

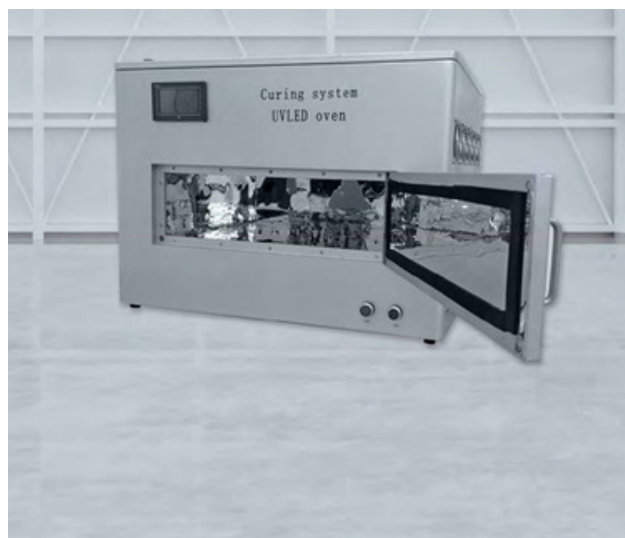


Optical power: 700mw/cm2 with 395nm. Curing size: 500x400mm, low power consumption and temperature.

Applicable to **product size maximum width 500mm** and **product thickness maximum 60mm**.

FEATURES

- Imported LED with long life
- LED with short circuit, over current and temperature and other protection functions
- Independently power and adjustable accuracy
- Automatic, manual, step and pulse irradiation
- Perfect external I/O signal, connection with automatic machine
- Touch operation panel



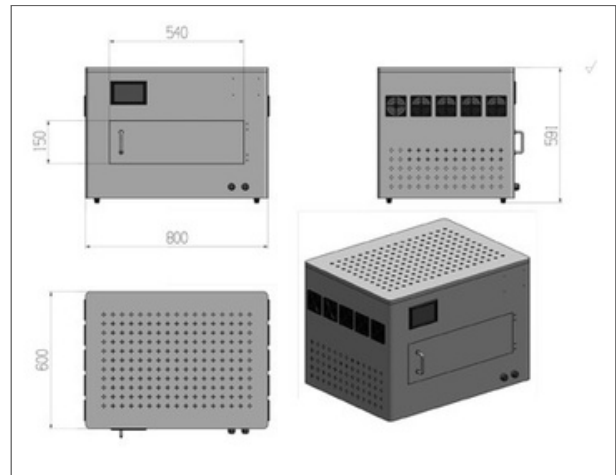
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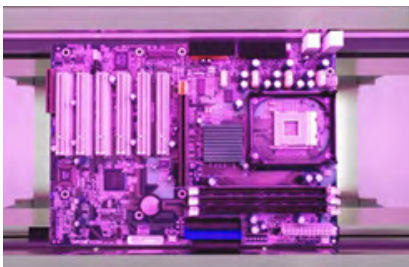
TECHNICAL DETAILS

- **LED:** UVLED
- **Wavelength:** 395nm.
Options: 365nm, 385nm, 405nm
- **LED life:** 20000H
- **Optic power:** 395nm: 1000mw/cm²
- **Curing size:** 500mm*400mm
- **Distance:** 130mm
- **Power:** 1800W
- **Cooling:** Fan cooling
- **Temperature:** ≤50°C
- **Dimension:** outside: 755*505*452mm
inner: 500*400*130mm
- **Power supply:** 220VAC/50HZ/250W - 2m cable



FEATURES

NO INFRARED RADIATION

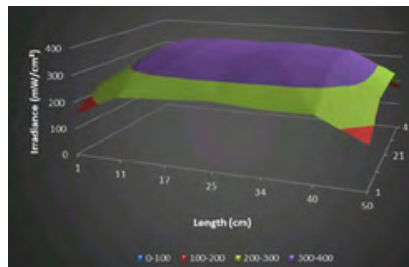


Cold light source, suitable for curing all kinds of heat-sensitive materials

Lamp Controller

- Panel Display: LCD operation
- Power: 0-100% adjustable
- Temperature monitoring

IRRADIANCE MAPPING



Irradiance mapping @15cm

IRRADIANCE PROFILE



Irradiance profile @15cm

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ADVANTAGES

OVER OTHER CURING SYSTEMS

- UV dose simple -production
- concept simple
- Process stability and repeatability is assured with minimum parameters
- Full board area covered in one shot -even coverage: no wrinkles, no shadows
- No additional variables, no reflector, longer lamp lifetime

UV LED IRRADIATION

- UV LED irradiation head with powerful UV LED'S - covers full board

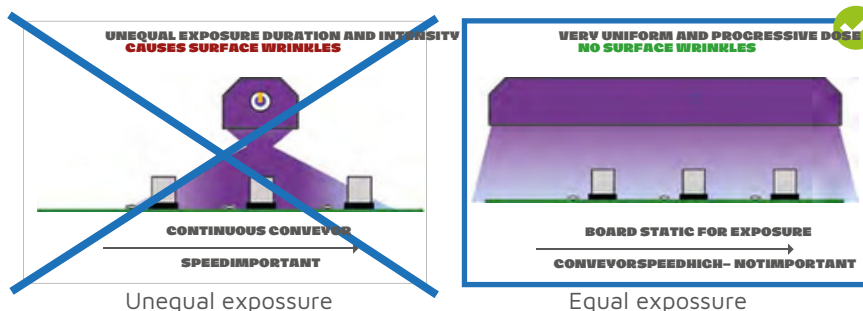
FOCUSSED SPECTRAL WAVELENGTH 395NM

- All new LED curecoating materials have specific wavelenghts for curing
- Other wavelenghts are just waisted energy

LED ADVANTAGES

- Very fast: 100% curing <2 secs
- Low process temperatures
- Low power consumption
- Low infrastructure requirement
- Small footprint
- Very simple & stable configuration
- Very high component clearance

<400 mm



TRACEABILITY



PROCESS TRACKER:
CONNECT TO FIS/MES
SYSTEM



BAR CODE & DATA MATRIX
CODE READER SOFTWARE
CONNECTION



REAL TIME
MONITORING

PRODUCT APPLICATION

Flexible integration of a wide range of products and processes including

**SMT PCB/PCBA
conformal coating**

Medical supplies

**Optical
Bonding Display**

GLOBAL NETWORK



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FACTORYCENTER
BARCELONA

Carrer de la Masia en Notari, 4, 08800
Vilanova i la Geltrú, Barcelona. Spain
administrative@mstechcorp.eu

BUSINESSCENTER
sales@mstechcorp.eu - services@mstechcorp.eu

WWW.MSTECHCORP.EU

