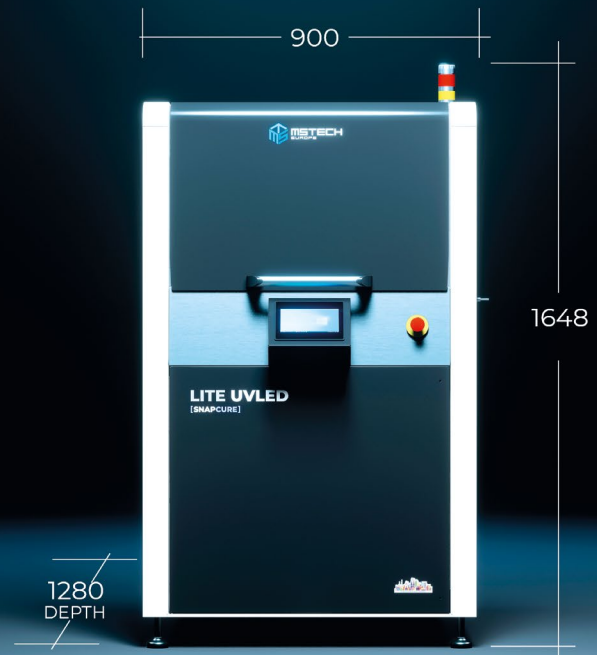


LITE UVLED

[SNAPCURE]

**HIGH EFFICIENCY
ENVIRONMENTALLY
FRIENDLY ALTERNATIVE
TO MERCURY LAMPS.**



ULTRA-FAST CURING IN JUST 10 SECONDS

HIGH-EFFICIENCY UV TECHNOLOGY.

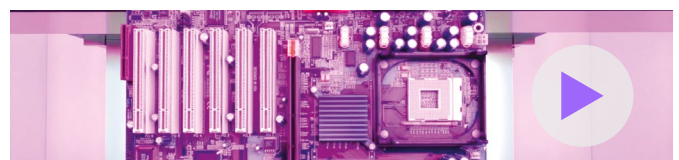
The UV Irradiation Source has world best efficiency using high power UV LED panel. It is available either as UV single frequency or as multi-frequency spectrum from 265 nm toward 405 nm.

// ADVANTAGES

- UV dose simple-production concept.
- High stability and repeatability with minimal parameters
- Uniform one-shot coverage (no shadows, no wrinkles)
- No reflector → extended lamp lifetime
- High-power UV LED head (full board coverage)
- Efficient curing area: up to 800 × 500 mm (10–400 mm distance)

FACILITY REQUIREMENTS

| | |
|--------------------|----------------------|
| Dimensions (WxDxH) | 900 x 1280 x 1648 mm |
| Approx. weight | 400 kg |
| Voltage | 230 VAC |
| Conveyor type | Chain or Belt |
| SMEMA height | 940-960 mm |
| Power | 7 kW |
| Flow direction | L -> R R -> L |
| Fixed rail | 1 front rail |
| Signal | SMEMA |
| Edge clearance | 5 mm |
| Return conveyor | Optional |



[SNAPCURE]

// FEATURES

- Curing Area: 500x400 mm.
- Curing Side: Top or/and bottom.
- Curing Distance: Up to 150 mm.
- Lamp: Efficient impingement lamp cooling.
- Power Intensity: 300mW/cm² at 50 mm distance from substrate.
- No warmup required.
- Lamp lifespan: approx. 20.000 hours equivalent to 1.000.000 production hours.
- Electric Power Consumption: 1800 W.
- Patented curing technology.
- 2 power irradiation outputs.
- Combined frequencies 265 nm => 405 nm.
- Easy setup & stable process.
- Cooling method: Fans cooling.
- Maintenance free
- Highly attractive COO/TCO.

// APPLICATION

Cure of any UV curable materials including conductive, structural bonding and dielectric materials, coatings, gel, thermal dissipation materials and inks.

[WORLD'S BEST EFFICIENCY]

OPTIONS

LED RADIATION SOURCE

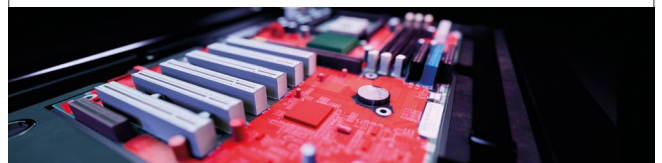
- **Standard power output:** From 250 mW/cm² toward 750 MW/cm².
On Demand: 750 mW/Cm² toward 1250 mW/cm².
- **Standard single peak frequency:** 365, 385, 395, 405 nm.
On Demand: any frequency from 254 nm toward 810 nm.
- **Multi frequency:** UVC + UVA & IR Combined Spectrum.

RADIATION PANEL DIMENSION

- **Standard:** 250 x 400 & 400 x 500 mm.
- **On demand:** from 50 x 50 to 800 x 600 mm.

RADIATION POWER MANAGEMENT

- **Standard:** Time based radiation power profile.
- **On Demand** Radiation power recording, auto-adjust radiation power, close loop single of combined collaterals parameters.



PROCESS MONITORING OPTIONS



PROCESS TRACKER

REAL-TIME PRODUCTION MONITORING AND TRACEABILITY SOFTWARE



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