UV+LED dryer
BE 7 combination

Application:

The combination unit LED + UV BE 7 according to customer requirements equipped with 4, 8 or 12 W / cm ² LED module and a classical UV lamp unit. This unit combines the previous conventional UV-technology with the cleaner and more efficient UV LED technology.

Application UV:

For drying and polymerization of uv screen inks, uv glue, for printed circuit boards, laminated materials, plastic, paper, glass, metal and other printed materials in flow process.

Application LED-UV:

UV-curing drying inks, printing inks, coatings, adhesives and other UV-sensitive materials by polymerization rather than evaporation of solvents. So far, conventional mercury UV lamps were used for the cure, but meanwhile, the efficient, environmentally friendly UV-LED technology is a proven and superior alternative. Unlike mercury vapor lamps, the LED curing use semiconductor-based LEDs to generate ultraviolet (UV) light. BELTRON relys on the UV-LED technology's advantages with maximized performance, reliability and UV energy.

Technical Information UV+LED dryer BE 7 combination

- Wave length: 365 nm, 395 nm
- UV-LED-Power: 1 - 12 W/cm²
- Radiation width: 75 mm
- Length: 700 mm
- Depth: 330 mm
- Height: 390 mm
- Conveyor belt width: 120 mm
- Conveyor belt speed: 2 - 27 m/min with maintenance-free drive motor
- Digital belt speed control
- Passage height: adjustable
- Electrical supply: 230V / 50 Hz
- CE-Sign

The UV+LED dryer BE 7combination are used successfully in:
printing industry, electronic industry, plastic industry, building materials industry, textile industry, packaging industry, pharmaceutical industry, automotive industry, glass industry and engineering.

These are just a few examples from the various partner portfolio of Beltron.

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