



UV-LED chain conveyor

Application:

With the UV-LED chain conveyor you can dry all UV-reactive materials e.g. protection lacquers with thick layers, adhesives, resins and UV-varnishes.

So far conventional, mercurial UV-lamps are used for the hardening process, but in the meantime the more efficiently and environment friendly UV-LED-Technology represents a well-tried option. Different to quicksilver steam lamps, the LED- Hardening uses semiconductor LED's for the generation of ultraviolet (UV) light. BELTRON use the advantages of the UV-LED-Technology with maximum of performance, reliability and UV-Energy.

Design:

The UV-LED chain conveyor convinces also by an individual adjustment in width (for PCB's up to 240 x 400 mm) and height from 20 - 110 mm, an electric controlled cooling system, SPS computer control for surveillance and control of all functions of the device. As well a transport speed control, which is adapted to the cycle of production and the needed UV-dosage. In comparison with the common BELTRON UV-dryer, the UV-LED chain conveyor offers a space saving isolated application on a tight area.

Technical Information UV LED chain conveyor

- Wave length: 365 nm or 395 nm
- UV-LED-Power: 1-12 W/cm²
- Width of radiation: up to 240 mm
- Length: 1700 mm
- Depth: 835 mm
- Height: 1640 mm
- Electrical supply: 230 V / 50 Hz
- CE-Sign

The UV LED chain conveyor 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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