



UV dryer BE 20

Application:

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

The lamp power lasts from 80 to 120 W/cm and the machines are equipped with 1 or 2 UV lamps. This UV dryers are used for laboratory operation or small size production.

Design:

Teflon belt (PTFE-coated), with maintenance-free adjustable belt drive 0,5—12 m/min (optional other range), belt width 220 mm with 1 or 2 UV lamp units, with special aluminum reflectors or (upon request) with selective filters for temperature reduction, with rollers or stand, Inlet and outlet transport, entire lamp unit can be raised for different material height to be adjusted between 20 and 100 mm working height, according to SMEMA in unit version stand, belt height adjustable between 900 to 950 mm and exhaust/cooling fan.

Compact Control, display of various parameters such as UV set value, operating hours, lamp current. The Compact Control also controls the following tasks: lamp ignition, lamp fuses, idle run, overtemperature, exhaust air, converter, installed power 400V (other power optional).

Technical Information UV dryer BE 20

- Transport belt: Teflon belt or metal belt
- Control: Compact control - Option: PLC control
- Bulb: 1 or 2 UV lamps
- Bulb filling: Hg (mercury), Fe (Iron) oder Ga (Gallium)
- Bulb power: 80 - 120 W/cm
- Working height: 900 to 950 mm
- Electrical supply: 400 V / 50 Hz / 3~
- CE-Sign

The UV dryer BE 20 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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