BW-TEC
A MACHINE SOLUTIONS COMPANY

3200 BW-TEC 5UP LAMINATOR

The **3200 BW-TEC 5UP Laminator** is engineered for precise, repeatable multilayer catheter lamination without the use of compressed air in the core process.

An integrated blower supplies low-pressure heating air, reducing facility air consumption to zero while improving process stability.

The Micro Swirl 360° thermal nozzle delivers uniform circumferential heating for consistent bonding and reduced variability.

A compact, efficient layout combined with the BW-TEC HMI provides intuitive operation, recipe control, and integrated data collection.

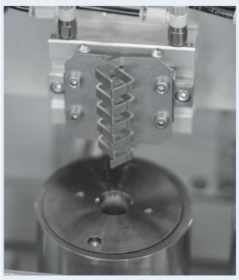
A robust, production-ready solution for engineers focused on performance, repeatability, and simplified infrastructure.

Key Features

- Integrated low-pressure blower (zero facility air consumption)
- Micro Swirl 360° thermal nozzle for uniform heat distribution
- Digital flow meter reading and control
- High process stability and repeatability
- Compact, operator-efficient machine layout
- BW-TEC HMI with recipe and data collection management

Lamination Unit

Micro Swirl 360°
Thermal Nozzle



Centering Gripper

BW-TEC HMI

Technical Specifications

Models

Linear motion: 1750 mm or 2050 mm

Process Parameters

Speed: 0–180 mm/s

Temperature: up to 400 °C

Flow: 15–70 l/min

Compressed Air Supply

6-8 bar

Data Management

BW-HMI data management

Network connectivity via integrated PC

Dimensions (L × W × H)

680 × 860 × 2400 mm (installation height 2.5 m)

680 × 860 × 2720 mm (installation height 2.8 m)

Weight

approx. 210 kg

Electrical Supply

230 VAC, 50–60 Hz

Power consumption: 4500 W