

HYDROPHILIC COATING MACHINE 2269

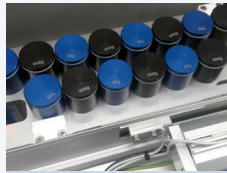
The **Hydrophilic Coating Machine** is used for coating of catheter production assemblies.

Up to 21 products are coated simultaneously by dipping and subsequent UV exposure in a controlled environment. A pneumatic system enables automatic switching between two rows of coating tubes (base coat and top coat). The machine is also equipped with a temperature and humidity sensor and two digital cameras to monitor the process.

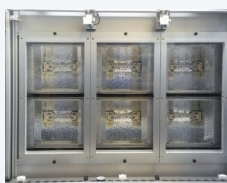
This machine is equipped with a BW-TEC HMI, touch screen and PC for recipe management.



User Interface



Coating Tube Plates



UV Lamps Front View

Technical Specifications

- simple user interface with the BW-TEC touchscreen HMI
- can simultaneously coat up to 21 products
- product rotation speed: 20 rpm
- can change product immersion depth and speed in various sections
- variable hold times and UV radiation times
- repeatable top und base coating procedures
- direct UV radiation for a product length up to 400 mm
- easy to clean and reuseable bath systems
- data connection and network management through an integrated PC
- user administration with different operator settings
- two digital cameras for active process viewing
- magnetic product holders
- bath axis: 500 mm
- dimensions (L x B x H): 1500 x 1050 x 1990 mm
- weight: ~500 kg
- voltage: 3x 400 VAC 16A, 50/60 Hz, 3500 W
- air pressure: 6–8 bar (0.6–0.8 MPa)

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