

RADICURE™ D



Electric Infrared Textile Dryer



FEATURES

- Belt width 91 to 152 cm (36" to 60")
- Heat chamber length 183 to 305 cm (6' to 10')
- Patented suspended insulating system

Built for long life and maximum performance, Radicure D is M&R's premium infrared electric textile dryer. It's available in belt widths from 91 to 152 cm (36" to 60"). Not only does it have the highest production capacity in its class, it's also the most energy efficient. The heavy-duty thermal insulation in M&R's patented suspended-fabric insulating system prevents heat from migrating into the workplace, while CoolSkin™ technology leaves the dryer skin cool to the touch. Fast cure rates and high product throughput maximize dryer capacity and minimize per-unit cost.

Curing is provided by an infrared radiant panel array and forced hot air. Panels can be quickly and easily raised and lowered with convenient single-point height adjustment. Separate dedicated blowers power circulation and exhaust. Radicure D's Proportional Integral Differential (PID) Control allows the dryer to power up gradually to avoid maximum amperage loads during initial warmup.

PID also helps maintain even temperatures during production by phasing on and off rather than using the full-load/no-load approach. The control panel allows easy monitoring and adjustment of operational status, temperature, and belt speed settings. Process temperatures and set temperatures are controlled digitally. Temperature consistency is ensured by a fuzzy-logic controller, which responds to ambient temperature changes by keeping chamber heat within 1° of target temperature at the thermocouple.

A tower light shows when temperatures are within user-set parameters. Entry and exit openings are adjustable, and large, crowned rollers ensure positive belt tracking. Maintenance is simplified with easy-to-reach filters and lubrication points. An automatic shut-down sequence keeps the blower and belt running until the chamber has cooled.

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