

Spin Coater

A Brief Description: The housing for this system is typically made from a solid co-polymer blend *exclusive to Laurell Technologies*. Unlike pure Natural Polypropylene, this material is able to resist solvents and strong acids and bases. Samples are available for testing and verification upon request. A solid [PTFE Hostaflon® TFM-1600 / Teflon® AF housing](#) is available (popular for high temperature chemistry and sub-micron particle studies). Laurell's unique internal bowl design eliminates splash back, making it unnecessary to install "splash rings." Our large down-flow [Exhausted Drain Adapter with removable reservoir](#) is as functional as it is convenient. The closed bowl design, coupled with the precision of the process controller, allows most coating materials to dry in a quiescent state, increasing uniformity and minimizing particle contamination. The upper plenum closes inside the base to provide an overlapping seal, and the inside of the lid has a special gutter to channel fluid to the rear of the system to discourage chemicals from accidentally dripping onto the substrate.

A proprietary labyrinth seal protects the motor and control electronics from chemical contamination. This seal provides the process chamber with Nitrogen purge and has been proven to be particle-free on a sub-micron level during field testing. The system's clear top is made from ECTFE (unless otherwise stated), and only ECTFE-coated 316 stainless steel screws are used in some non-wetted areas throughout the system.



Specifications:-

Make & Model	:	Laurell.com and WS-650Mz Series-8NPP/LITE
Substrate Size	:	Max. 7" X 7" (Ø200mm)
Maximum RPM	:	12000rpm
Mounting Option	:	Tabletop, In-Deck, On-Deck