Aurora 1100 Platform

Nanoimprint Mass Production Equipment for Advanced Screens



Aurora 1100 is designed for affordable, high quality mass manufacturing of advanced screens optics. Fully integrated modules achieve cycle times under two minutes, with sub-40nm accuracy on panel sizes up to 1.3 m^2.

It is a fully-automated nanoimprint manufacturing platform with a proven 24/7 commercial manufacturing performance. Aurora 1100 was recognized as a CES 2022 Innovation Award honoree.

Substrate Size	Up to Gen5 (1100 x 1300 mm^2)
Substrate Thickness	0.5 – 10 mm
Substrate Materials	Rigid & flexible (glass, polymer, metal)
Structures	From 50 nm to 500 µm
TAKT Time	<90 sec possible

Watch our Aurora platform in action







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