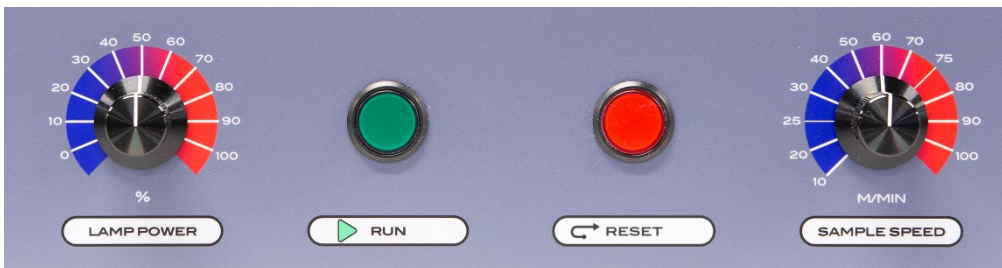
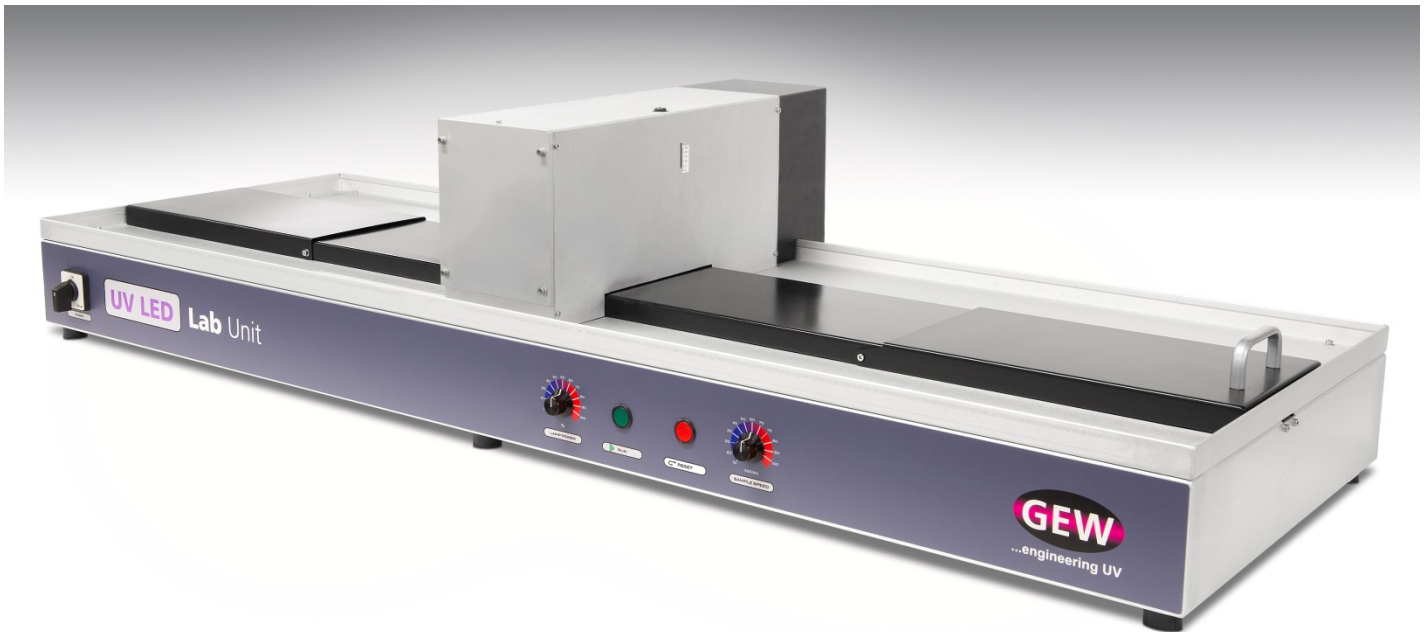


UV LED LAB UNITS for Precision Ink Development



Description

GEW's LED lab systems make the task of developing and testing new UV LED ink formulations easy, accurate and ergonomic. It incorporates the same high performance LED curing module designed for full production printing and coating applications, so testing with this unit reflects genuine production scenarios.

A sample tray, driven by a linear actuator, is passed under the UV array in a very precise, controlled and repeatable manner. UV output and sample tray speed can be separately adjusted by set increments as required. In addition to having a simple magnetic hinged sample tray, the unit can also accommodate an EIT radiometer for precise UV power measurement. The LED array is height adjustable between 5 and 25mm to suit specific test items and scenarios.



Technical Details			
Sample tray speed	100 m/min maximum.		
Standard Wavelength	395nm (18W/cm ²)		
Available Wavelengths	385nm	395nm	405nm
Curing Power	11W/cm ²	18W/cm ²	22W/cm ²
LED array width	15 cm.		
Controls	On / off. Sample tray speed, 10 to 100 m/min in 10 m/min increments, 25 and 75 m/min. UV output power, 10% to 100% in 10% increments.		
Sample tray	Sample window 230(w) x 120(d) mm. Travel 1200mm.		
Array cooling method	Self-dissipation. No fan or chiller required.		
Dimensions	1510(w) x 590(d) x 290(h), mm.		
Power requirement	Single phase, neutral and earth.		
Options			
All options are priced on request.	Holders for EIT UVICURE® PLUS II and UV POWER PUCK® II radiometers. Additional lamp heads at different wavelength. Inert gas sample chamber.		
Costs			
Price upon request.			