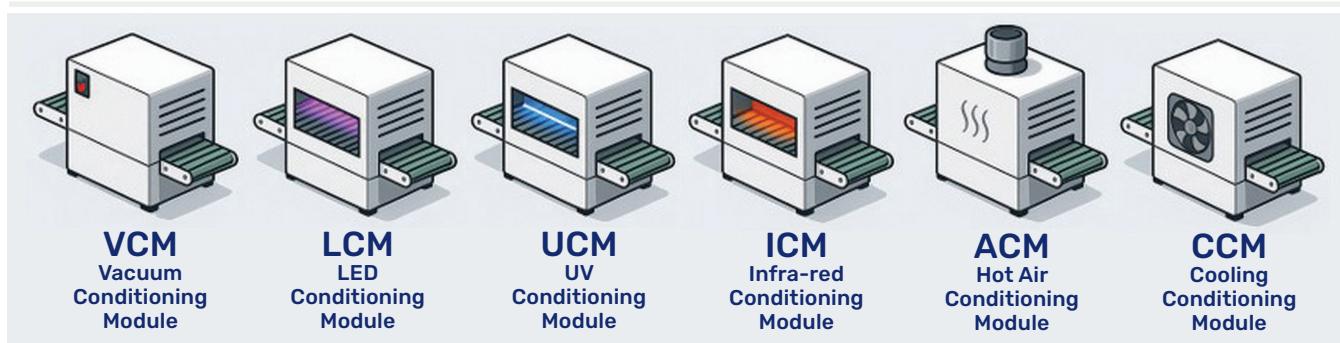


Conformal Coating Conditioning Modules

Natgraph's range of Conditioning Modules have been purpose-built to support the precise and reliable curing of conformal coatings on printed circuit boards.



Designed for seamless in-line integration, each module serves a specific role within the curing process, from controlled cooling and heating to advanced light-based curing methods.



The range includes **Vacuum, LED, UV, Infra-red, Hot Air, and Cooling Conditioning Modules**, offering tailored solutions for a wide variety of coating chemistries and production requirements.

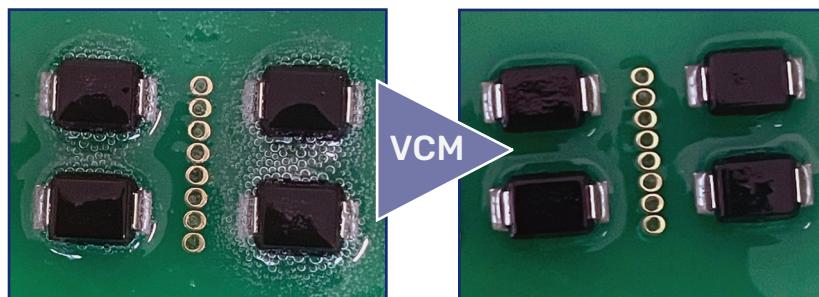
With a strong focus on process control, energy efficiency and compatibility with environmentally conscious manufacturing, these modules ensure consistent coating performance and long-term PCB protection.

Vacuum Conditioning Module

Advanced In-Line Bubble Elimination for PCB Conformal Coating

The Natgraph Vacuum

Conditioning Module (VCM) is a pioneering in-line solution developed to eliminate bubbles in conformal coatings on printed circuit boards, ensuring superior protection and long-term reliability.



By resolving air entrapment issues commonly found in both water-based and solvent-based coatings, the **VCM** makes environmentally friendly coating options viable for modern electronics manufacturing.

Key Features	Operational Benefits
<ul style="list-style-type: none">Vacuum Chamber Adjustable stepped vacuum profileIntegrated HeatingAutomated Control Siemens PLC with HMI for simple operation and recipe managementRemote DiagnosticsFlexible Conveyor Width: 50–650 mm Height: 940–965 mm	<ul style="list-style-type: none">Eliminates bubble-related defects in solvent and water-based coatingsSupports eco-friendly production using water-based solutionsAdjustable speeds and vacuum levels for process controlDesigned for energy efficiency, low maintenance and reliable integration

Transform Your Coating Line

The **VCM revolutionises PCB conformal coating**, offering high-quality, bubble-free finishes while supporting sustainable manufacturing practices.

Get in touch with Natgraph today to discuss integration options and see how the VCM can benefit your production.