



Upgrade Kit for UV Dryer Unit to Generation 3

Upgrading the UV dryer unit to the latest generation introduces additional features to improve your OEE. Optimize the operation, performance, curing and handling of the UV dryer.

This Upgrade Kit affects the following Hapa printing systems: H-230, H-230 Hybrid, H-237, H-237 Hybrid, H-828, H-829 and H-837.

YOUR BENEFITS

- Quick exchange function: < 2 min. for UV dryer unit and casing
- UV lamp with Plug & Play connectors for quick exchange
- Better discharge of infrared radiation with dichroic mirror
- Quick exchangeable reflectors (making exchange of shutter flaps unnecessary)
- Improve stability of ink curing due to active temperature control of the UV radiation discharge lamp
- Reduce energy consumption with adaptive cooling fan speed
- Increase parts durability and curing efficiency with improved quieter shutter mechanism design
- Easier unit centering in the casing thanks to metal pins
- Additional features and control with new machine software
- Optimal lamp replacement cycle as the new design enables to measure UV lamp radiation and determine efficiency of the curing (with UV dryer radiation meter tool)

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SCOPE OF THE UPGRADE

The UV Dryer Unit Gen 3 kit includes all necessary upgrade components, such as all new

- Single plug solution combining electric and pneumatic connectors (in new design UV dryer unit and casing)
- Exhaust fan & PWM motor drive with temperature sensitive speed control ensure a uniform temperature level
- Modern electronic ballast system
- Temperature sensor for temperature sensitive speed control
- Machine software upgrade
- Updated electrical schematic and user manual



OPTIONAL PARTS AND SERVICES

- UV-radiation meter tool (199-26-40-010)
- IQ, OQ Protocols for UV dryer unit upgrade validation

INTEGRATION WORK

- The existing UV dryer and casing, electronic ballast system, exhaust fans and wires etc. will be removed. The newly supplied components will be installed, wired, and tested
- Hands-on training by Hapa Service Engineer
- Time required for the on-site upgrade work (single unit) is approximately 3 to 5 working days. Ideally, the upgrade is performed in combination with the regular preventive maintenance of the Hapa printer.

CONTACT US

Our service-sales@hapa.ch or Helpdesk [+41 848 55 11 55](tel:+41848551155) are happy to answer any questions and discuss the details with you.

HAPA ARTICLE NUMBER

Upgrade Kit	G2 Machine Type				
	H230	H828	H829	H237 / H837	H247 / H847
Upgrade Kit Flexo	230-40-00-137B	n/a	n/a	237-40-00-135B	on request
Upgrade Kit DOD	n/a	230-40-00-138B	230-40-00-138B	237-40-00-136B	on request
Upgrade Kit Hybrid	230-40-00-120B	n/a	n/a	237-40-00-120B	on request

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