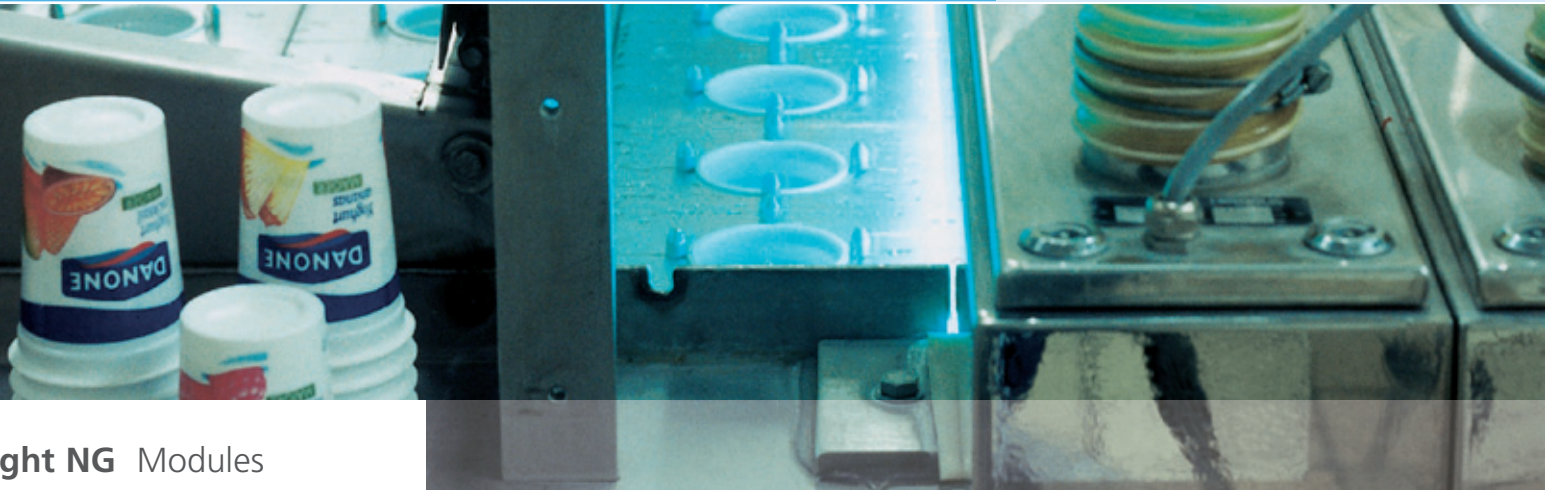




BlueLight NG Modules



BlueLight NG Modules

Fast, cold, disinfection of packaging and surfaces without chemicals, in line with machine speeds. Because of their especially high UVC intensity, the BlueLight NG modules from Heraeus Noblelight GmbH are particularly suited to integration in efficient filling machine.

The compact design allows easy retrofitting in existing packaging systems. For higher UV dosage, several UV cassettes can be connected in parallel. Special high power Gold Spot lamps provide the UV power necessary for reliable germicidal action. Water cooling is not necessary.

Notable product features

- Specially developed High power Gold Spot lamps to provide the required UVC power
- Patented breakage detector on the quartz glass window,
- Computer-based reflector design for uniform illumination and disinfection of the surface being disinfected.
- Disinfection capability validated by the “Fraunhofer Institute for Foodstuffs Technology and Packaging”, Munich
- Long operating life of 4000 hours (6 months) with a drop in power of less than 35% over this time.
- Easy lamp replacement and low operating costs.

Recommended areas of application

- Disinfection of yoghurt pots, tubular pouches and other packaging materials
- Tub disinfection during cold filling
- Disinfection of hard cheeses and fruit and vegetable products.
- Disinfection of cleaned transport containers before re-use (To prevent re-infection during storage and handling)
- Design of product sluices for high speed material movement.
- Disinfection of belts in dry applications.

Technical data					
Description	NG 5036	NG 6062	NG 7087	NG 8062.30	NG 10087.38
Art. No.	60010	60012	60014	60016	60017
Lamp data					
Irradiance in 20 mm distance	18 mW/cm ²	25 mW/cm ²	25 mW/cm ²	35 mW/cm ²	35 mW/cm ²
Lamp description (Art. No.)	NNI 52/30 (60018)	NNI 82/62 (60026)	NNI 122/87 (60042)	GF 80/65 (60094)	GF 100/90 (60096)
Lamp type	Indium Amalgam	Indium Amalgam	Indium Amalgam	Indium Amalgam FLT	Indium Amalgam FLT
Lamp quantity	2	2	2	8	10
Typical lamp lifetime	4.000 h*	4.000 h*	4.000 h*	4.000 h*	4.000 h*
Geometrical data					
Dimension	111 x 150 x 530 mm	111 x 150 x 780 mm	111 x 150 x 1030 mm	155 x 360 x 780 mm	171 x 434 x 1030 mm
Window size	365 x 107 mm	615 x 107 mm	865 x 107 mm	615 x 298 mm	865 x 372 mm
Breakage detector	optional	optional	optional	O	O
Features					
Protection class	IP55	IP55	IP55	IP55	IP55
Electrical data					
Power supply	19" rack	19" rack	19" rack	Power supply cabinet	Power supply cabinet
Lamp failure alarm	O	O	O	O	O
Voltage / Frequency	230 V / 50Hz	230 V / 50Hz	230 V / 50Hz	230 V / 50Hz	230 V / 50Hz
Connected load	140 Watt	250 Watt	250 Watt	1000 Watt	1400 Watt
Operating information					
Cooling	Convection		Forced air cooling with filterboxes (ambient air)		
Burn-in time	5 min.	5 min.	5 min.	5 min.	5 min.
Window temperature	70°C	50°C	50°C	60°C	60°C

FLT = Flat-Lamp-Technology

O = Yes

- = No

* = Decrease of intensity < 35%