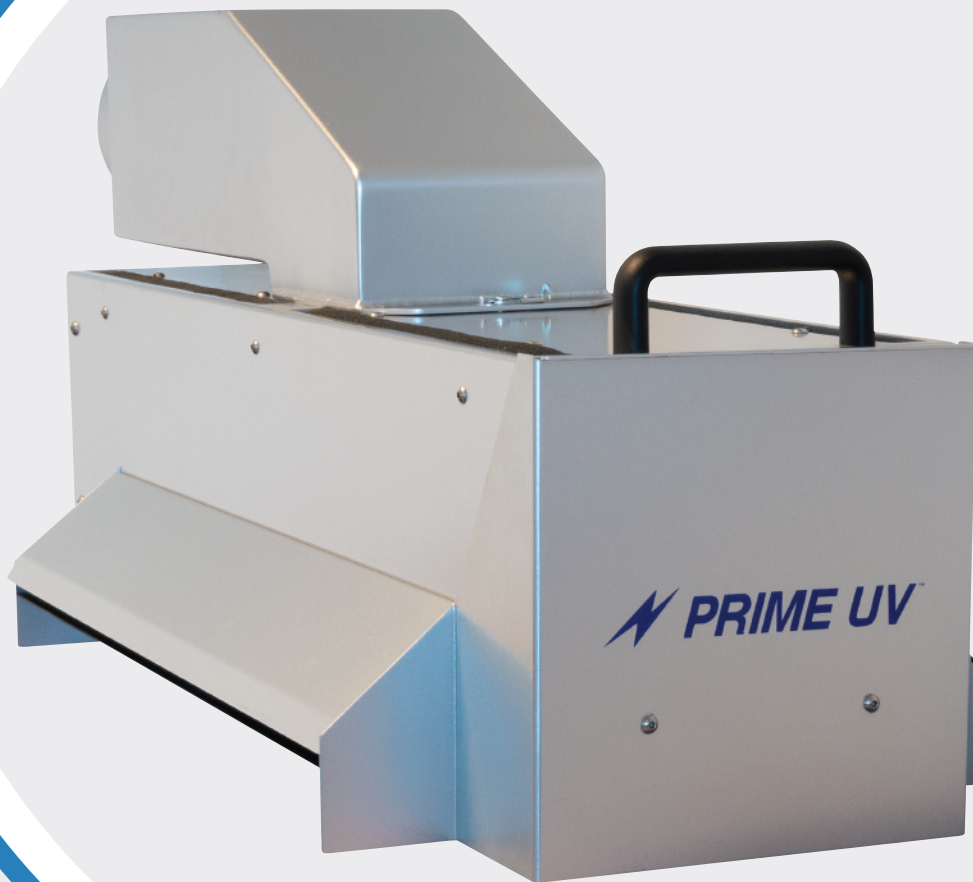


PRIME UV IR

Creating a world of possibilities

OPTIMUM UV CURING SERIES

MAXIMUM UV CURE POWER | SUPERIOR UV ENERGY DELIVERY



POWERFUL & ROBUST UV
PROCESSOR DESIGN

WIDEST VARIETY OF
PROCESS APPLICATIONS

DELIVERS HIGHEST CURING
SPEEDS & MAXIMUM ROI

PRIME UV  IR

416 Mission Street | Carol Stream, IL 60188, USA | p: +1-630-681-2100 | www.primeuv.com

Web Applications and a Variety of Industrial Applications

At Prime UV-IR, we strive to create the most efficient, highest quality UV Curing & IR Drying systems for printers, packagers and converters worldwide. Prime's OPTIMUM UV Series provides proven reliability coupled with revolutionary advancements in UV Curing technology. From our Positive Pressure Air Filtration System (PPAF), simple to use control panel and easy to remove cassettes, it's easy to see why so many companies prefer Prime UV-IR Curing & Drying Systems!



Applications

- Personalization
- Labels & Decals
- Direct Mail
- Security Printing
- Envelope
- Business Forms
- Newspaper
- Magazines
- Book Printing
- Packaging
- Converting
- Industrial



Positive Pressure Air Filtration System Option

- Optimizes performance of UV System
- Reduces energy consumption



High Intensity UV Lamps

- Auto-adjusts: 125 - 600 wpi (50-240wpc)
- Cure UV: speeds up to 2,400 fpm (600 mpm)



Options

- Positive Pressure
- Nitrogen Inerted UV
- Chilled Plate or Roller
- PLC Type (Siemens, A-B)
- Power Drivers
- UV Lamp Types
- UV Reflector Types



Specifications

UV Type	UV Arc Lamp
Cooling Method	AIR-VFD
Max Power Up to 42" (1070mm)	600 wpi (240 wpc)
Max Power Up to 50" (1270mm)	500 wpi (200 wpc)
Max Power Up to 65" (1650mm)	400 wpi (160 wpc)
Max Power Up to 80" (2030mm)	300 wpi (120 wpc)
Power Levels	4/6/8 or 1%
Power Driver Type (See Below)	EM, CFB, EL
Lamp Type/Emission Range	HG, FE, GALN
Reflector Types (See Below)	OR, HR, DR
Remote Access Maintenance	Yes
UV Measurement	Continous / Spot
PLC - Standard	Beckhoff
HMI Type	Prime Premier (7") Prime Premier XL (16")
Process Control Option	Ensure GMP Compliance

EM = Electro-Magnetic Ballast
CFB = Controlled Ferroresonant Ballast
EL = Electronic

HG = Medium Press Mercury
FE = Iron Additive
GALN = Gallium Additive

OR = Optimum Reflectivity
HR = Highest Reflectivity
DR = Dichroic

VFD = Variable Frequency Drive

GMP = Good Manufacturing Practices