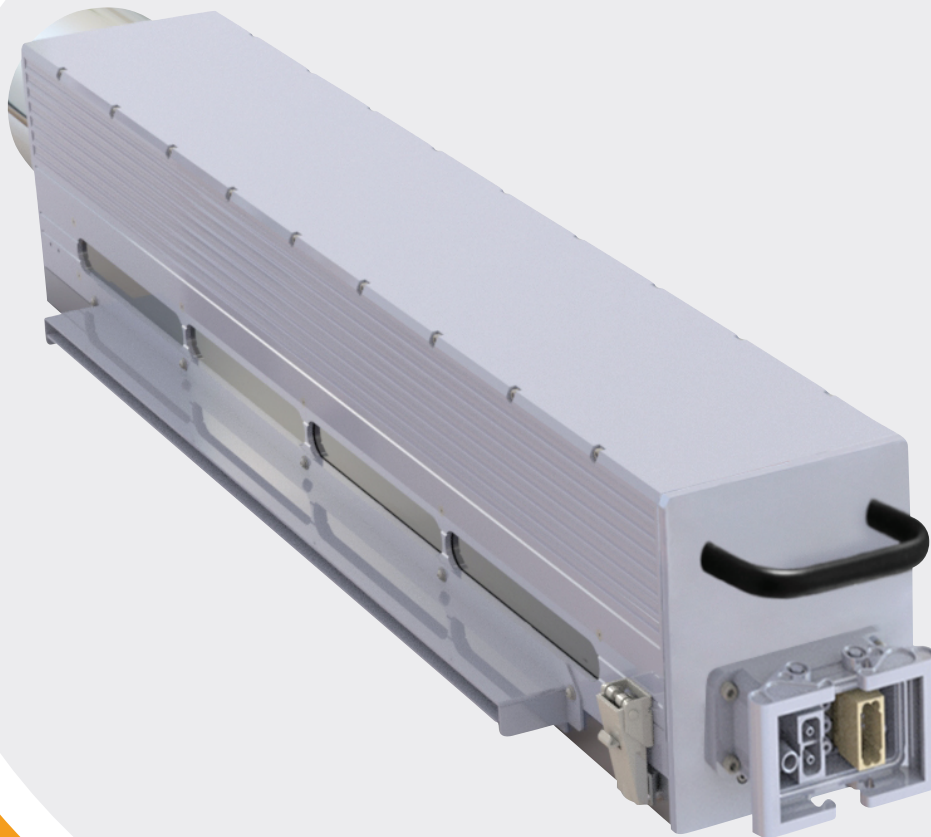


PRIME UV IR

Creating a world of possibilities

MINIMAX UV CURING SERIES

MAXIMUM UV CURE POWER | MAXIMUM PRESS SPEEDS



HIGHEST CURING SPEEDS:
1,500 FPM

ENGINEERED FOR NARROW TO
MID-WEB SUBSTRATE WIDTHS

FILTERS TO REMOVE
AIR-BORNE CONTAMINANTS

PRIME UV  IR

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

Providing Highest Throughput for Narrow to Mid-Web Applications

Prime's MINIMAX UV Series was engineered utilizing advanced CFD software to optimize heat management enabling the reduction of cooling air while guaranteeing optimal lamp performance. Prime's innovative reflector geometry boosts UV dosage to assure full cure while reducing energy required. Lower maintenance time, money and energy consumption while maximizing UV energy at the substrate...a winning combination!



Applications

- Digital Printing
- Personalization
- Labels & Decals
- Direct Mail
- Security Printing
- Envelope
- Unsupported Film
 - Shrink-Sleeves
 - Wrap Around
 - In-Mould
- Self-Adhesive Plastic Labels
 - Holographic Labels
 - Inkjet
 - Cold Foils and Hot Foils



Air Filtration

- Optimizes performance of UV System
- Reduces energy consumption



High Intensity UV Lamps

- Auto-adjusts: 125 - 600 wpi (50-240 wpc)



Options

- Nitrogen Inertion Air Filtration
- 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
Max Power Up to 30" (762mm)	600 wpi (240 wpc)
Max Power Up to 36" (914mm)	500 wpi (200 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
Dimensions	L: Variable W: 134 mm H: 175 mm
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