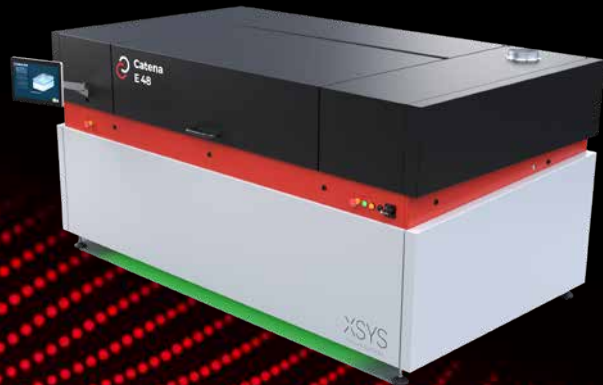


Catena-E 48

LED exposure for flexo plates



Highest Quality Flat-Top-Dot Plates

- + ThermoFlexX Catena-E uses latest technology high-power LED's to eliminate oxygen effects in flexo plate making. Catena-E provides precise image reproduction and fine relief elements for the highest possible flexo print quality. Perfect for imaging the finest Surface Micro Structures such as Woodpecker Nano.

Built For Serviceability

- + Should LED replacement be found necessary, modules are reasonably priced and easy to replace with basic training. This ensures the highest possible level of exposure consistency coupled with low cost of ownership. Catena-E 48, like any other TFxX or Catena product, features comprehensive remote support capabilities.

Fast Exposures For All Plates

- + Powerful LEDs and full coverage back exposure ensure that Catena-E 48 is fast enough to keep pace with the TFxX 48-S flexo plate imager, with an imaging productivity of 6m²/hr.

Controlled Enclosed Environment

- + Catena-E 48 exposure features a manual opening door, optional you can choose for an automatic door, keeping dust away from the plate. Catena-E 48 offers a closed controlled exposing environment, with air extraction and air flow to ensure truly consistent exposures from plate to plate, year to year.

OPEN, Choose How You Use Catena-E

- + Catena-E presents the opportunity for total optimisation of main and back plate exposure. Users can choose to have a XSYS technician finalise and secure settings for the easiest of operation. Or, with training, experienced users can fine tune their own parameters to add value through their own expertise. YOU'RE THE DRIVER!

Catena E 48



Super Stable Long-life LEDs

+ Extremely stable LEDs are used. They are fully tested to 10,000 operating hours and beyond. The LED's are instantaneously stable, thus no warm-up time is necessary.

Auto LED Quality Check ensures Consistency

+ Both main and back exposure LED outputs are checked for consistent output. This can also be done remotely, enhancing support capability.

Technical Data

Catena-E 48

Maximum plate size (W x L) (mm/inch)	900 x 1200 mm / 35 x 48"
Electrical connection	3x400V+N+PE +/-5% - 50/60hz - 20A fused
UVA-LED	Main: Traversing 17 UV LED modules Back: Full coverage 12 UV LED modules
Extraction	Connection diameter 160 mm 600 m ³ /h flow
Maximum Plate thickness (mm/inch)	6,35 mm / 0.250"
Weight	900 kg / 1.985 lbs
Dimensions (W x D x H) (mm/inch)	2770 mm, 109"/1579 mm, 62"/ 1350 mm, 53" 2026 mm, 80" lid open
Crate dimensions (W x D x H) (mm/inch)	3000mm, 118"/1900mm, 74"/ 1750mm, 69"
Weight crate	1150 kg / 2.535 lbs

Please contact us for additional information.

info@xsyglobal.com • www.xsyglobal.com

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