



IR DRYING AND UV CURING SYSTEMS

The FuserFlex products from PTS include a whole range of IR dryers and UV curing systems for virtually any inkjet drying or curing application. The IR dryers are offered with various drying widths and power densities, and can be mounted in the horizontal or vertical orientations. The UV curing systems are offered with various curing widths and power densities, and can be mounted in the horizontal and vertical orientations. The IR drying and UV curing systems can be offered with automatic power level control as a function of system speed. PTS also offers hybrid IR/UV drying systems upon request.

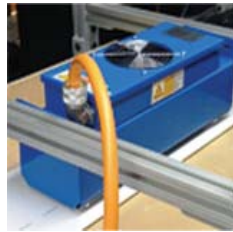
Applications Include:

- Paper substrates
- Coated substrates
- Synthetic substrates
- Foil substrates
- Water-based inks
- Solvent-based inks
- Oil-based inks
- Organic-based inks
- UV curable inks

Features:

- IR drying widths from 1.5" to 24"
- IR drying lengths from 10" to 38"
- IR drying power from 3 kW to 91 kW
- IR power densities from 100 to 281 W/sq. in.
- UV curing widths from 8" to 18"
- UV curing densities from 200 to 400 W/in
- UV curing light shutter for instant on/off
- UV curing light shield is standard
- Optional cold UV curing capability
- Automatic power level control as a function of speed





IR Drying System



UV Curing System

SPECIFICATIONS

IR Drying Widths:	1.5", 2", 4", 5.5", 8", 12", 18", 24"
IR Drying Lengths:	10", 16", 25", 38" (not all lengths available for every width) (contact PTS for details)
IR Dryer Power:	Total power level ranging from 3 to 91 kW
IR Dryer Power Density:	100 to 281 W/sq. inch
IR Power Level Control:	Manual or Automatic (as a function of web speed)
IR Dryer Heat Shield:	Insulation Heat Shield (optional)
IR Dryer Electrical:	240, 480, or 600 VAC, 50/60 Hz Voltage and amperage depends on model selected (contact PTS for specifics)
UV Curing Widths:	8", 10", 12", 14", 18"
UV Curing Length:	Typically one bulb (0.75" on substrate)
UV Curing Power Density:	200, 300, or 400 W/inch
UV Curing Power Control:	Manual or Automatic (as a function of web speed)
UV Curing Light Shield:	Provided standard
UV Curing On/Off Control:	Shutter control for instant on/off capability
UV Curing Electrical:	240 or 480 VAC, 60 Hz standard, 50 Hz optional Amperage depends on model selected



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