



KODAK FLEXCEL
NX SYSTEM

FLEXCEL NX Ultra 35 Processing System **Ultra fast. Ultra clean. Ultra efficient.**

miraclon

KODAK FLEXCEL NX Systems have transformed the capabilities of flexo printing for the entire packaging value chain for a decade, with a level of consistency, on-press efficiency, and print quality previously unachievable with flexo. Now, offering these same sought-after benefits in a solvent-free, VOC-free platemaking environment is a new addition to the FLEXCEL NX family. The KODAK FLEXCEL NX Ultra Solution delivers an impressive press-ready plate in less than an hour.

Built for production.

An efficient all-in-one system, the FLEXCEL NX Ultra 35 Processor includes exposure unit, aqueous washout system, drying, and finishing. Superb for high volume production, the equipment is easy to operate and easy to maintain. An icon-based touchscreen user interface, automated cleaning cycles, and simple maintenance procedures maximize productivity in a clean operator-friendly environment.

Clean is better.

It's proprietary. This is Miraclon technology now – a brand new technical approach that solves the fundamental challenge of inconsistency traditionally associated with

aqueous processed flexo plates. FLEXCEL NX Ultra is the first aqueous solution producing high-performing plates in a high-volume, low-maintenance space.

Solvent-free platemaking that
delivers a press-ready plate in
less than an hour

A complete solution.

When you pair the FLEXCEL NX Ultra Processing System and FLEXCEL NX Ultra Plates with the industry-leading imaging capabilities of the well-established FLEXCEL NX System, it creates a powerhouse system with an optimized end-to-end digital flexo platemaking solution for happy printers everywhere.

Miraclon innovation and service means putting products and customers first. By staying true to our best values, we turn the page on an exciting new chapter with FLEXCEL NX Ultra in upholding a creative standard of transforming the flexo industry for another decade to come.



All-in-One System

For ultimate convenience, superior results, and optimum workflow.

- Simple user interface with icon-based touchscreen design
- Dual action flat brush washing system
- Automatic brush height adjustment
- Delamination of TIL at the processor

Easy to Maintain

- Automated cleaning cycles
- Simple, quick maintenance procedures

Ultra Clean Processing Agent

- Naturally based for a super clean process
- Automatically dispensed and maintained at optimum levels
- Mild pH facilitates easy disposal of plate processing waste

Solvent-Free, VOC-Free Environment

- No special venting required
- Easy cleanups
- Water-based waste for easy treatment and recovery in a standard municipal water system

Ultra Clean Technology

Miraclon's patented Ultra Clean technology solves the fundamental challenge of inconsistency traditionally associated with aqueous processed flexo plates. A continuous operation that comprises of natural-based plate processing agents and special plate and processor cleaning methods ensures clean, artifact and debris-free plates time after time. FLEXCEL NX Ultra has many firsts, including high-performing plates in a high-volume, low-maintenance space.

FLEXCEL NX Ultra 35 Processing System

Technical Specifications

	Specifications for making KODAK FLEXCEL NXUH Plates		
System performance	<ul style="list-style-type: none">Ready-to-go plate in less than an hour (includes imaging)Up to 25 plates in a shift		
Supported media sizes	610 x 762 mm (24 x 30 in)	800 x 1067 mm (31.5 x 42 in)	900 x 1200 mm (35.4 x 47.2 in)
	Physical characteristics: processor and wash tank		
Dimensions processor and wash tank (H x W x D)	1395 x 2216 x 3395 mm (55 x 87.25 x 134 in)		
Weight	Processor & wash tank: 2760 kg (6085 lb)		
Working area	Front 2000 mm (79 in); Left, Right & Rear 1000 mm (39.4 in)		
	Power requirements		
Processor and wash tank	3 phase 230 V + ground Frequency: 50/60 Hz \pm 1.5%		
Attached water heater	Two single phase 208-240 V + ground Frequency: 50 or 60 Hz \pm 1.5%		
	Power consumption		
Processor and wash tank	21 kW		
Attached water heater	14.4 kW		
	Compressed air requirements		
Processor and wash tank	minimum 6-8 bar (87 psi). Minimum 40m ³ /h consumption		
	Operating conditions		
Temperature	20° - 30°C (68° - 86°F)		
Humidity	0% - 60% relative humidity, non-condensing		