

LIBRA
VPQUALITY,
PRODUCTIVITY &
SUSTAINABILITY
FOR NEWSPAPERS

A new violet plate for sustainable newspapers

The **Kodak Libra VP** Digital Plate is the newest addition to Kodak's portfolio of digital plates designed to maximise sustainability for newspapers. Sustainability requires more than just being green—**Libra VP** Plates deliver the quality and productivity you need to stay profitable, while helping you reduce both costs and environmental impact.

Compatible efficiency

Libra VP Plates are compatible with market-leading violet CTP systems and plateline equipment. If you conventionally process plates today, you can continue to use your existing equipment, simplifying processing and reducing environmental impact by replacing your traditional developer and replenisher with a single, low-pH clean-out finisher. Newspapers wanting to maximise efficiency and save water can use the easy chem system to remove the prewash and post-development rinse steps, using either a modified conventional processor or a dedicated clean-out unit.

Quality and productivity

Whether you're a daily, weekly, local or national paper, or if you do semi-commercial work, **Libra VP** Plates can satisfy both your productivity and print quality needs. **Libra VP** Plates can keep up with the fastest violet platesetters, so you can get plates to the pressroom when they need them.

You can keep the presses running with run lengths of up to 350,000 impressions when **Libra VP** Plates are conventionally processed, and up to 300,000 impressions when processed with the easy chem system. In addition, resolutions of 150 lpi AM and 180 lpi XM let you deliver impressive print quality.

Save chemistry and water

Libra VP Plates use a single, low-pH clean-out finisher, the **Libra Clean-Out Finisher**. When conventionally processed, **Libra VP** Plates offer a long bath life, helping you reduce cleaning waste and save time. With the easy chem system, the **Libra Clean-Out Finisher** cleans, rinses and gums the plate, removing the water necessary for prewashing and rinsing the plate. Whether you process conventionally or with an easy chem system, **Libra VP** Plates can help you reduce your environmental impact.

Libra VP Plates join Kodak's other plates that reduce environmental impact for newspapers. **Kodak Sonora News** Process Free Plates are thermal plates that completely eliminate processing and all associated water, chemistry and energy, going straight from the CTP device to the press. **Kodak ThermalNews PT** Digital Plates are the only processed newspaper plates that remove the preheat step from processing, reducing energy usage, and they also remove prewash, saving water.



Low Water

KODAK LIBRA VP Plates remove the
prewash and rinse steps from processing*

*When used in an easy chem system



Kodak Libra Clean-Out Unit

Kodak Libra VP Digital Plates

General specifications

Plate	Negative working, violet photopolymer digital plate
Application	Newspaper print applications
Substrate	Electrochemically grained and anodised aluminium substrate
Plate size	All standard newspaper sizes
Gauge	0.30 mm Please contact your local supplier of products from Kodak for additional gauge availability.
Safelight	For manual handling and platesetter loading, yellow safelight is required
Shelf life	12 months, under recommended storage conditions
Packaging	Available in all standard formats, including bulk packaging options

Imaging specifications

Platesetter compatibility	Compatible with most market-leading violet platesetters
Spectral sensitivity	405 nm
Laser energy required	30 - 40 $\mu\text{J}/\text{cm}^2$ Dependent on imager type, configuration and resolution.
Resolution	150 lpi AM, 180 lpi hybrid screening at 1200/1270 dpi Dependent upon imager type, configuration and resolution.

Processing specifications	Conventional processing	Easy chem
Processors	Kodak Mercury P-HD Plate processor, as well as compatible with all conventional processors used with Violet Photopolymer plates.	Kodak Libra Clean-Out Unit Also compatible with almost all clean-out units used with Violet Photopolymer plates.
Plate solution	Kodak Libra Clean-Out Finisher Kodak 850S Plate Finisher Compatible with Kodak 206 xLo Violet Plate Developer and Kodak 206R xLo Violet Plate Replenisher	Kodak Libra Clean-Out Finisher
Clean-Out Finisher consumption	Up to 25 m ² /L	Up to 20 m ² /L
On-press specifications	Conventional processing	Easy chem
Run length	Up to 350,000 impressions Dependent upon image resolution, press, press chemical, ink and paper conditions.	Up to 300,000 impressions Dependent upon image resolution, press, press chemical, ink and paper conditions.



Low Water

KODAK LIBRA VP Plates remove the prewash and rinse steps from processing*

*When used in an easy chem system

Produced using **Kodak** Technology.

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