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AS SPECIFIED BY OEM

DisplayMaker 72uvr UV Printer

The DisplayMaker® 72uvr is a high-speed, low-cost hybrid UV-curable inkjet printer designed for printing high quality graphics on inexpensive rigid or flexible roll materials. The DisplayMaker 72UVR is a straight forward 72" production printer that produces extremely durable, high-quality output for outdoor and indoor applications. Using SolaChrome UV pigmented inks on inexpensive uncoated rigid media, DisplayMaker 72UVR lets you sell great-looking output at great prices. What's more, DisplayMaker 72UVR includes outstanding automated features to ensure print quality and enhance your productivity. It's easy to operate and easy to maintain — and it's especially smart to own.

Product Highlights:

Micro-Quad™ Technology - Sixteen (16) industrial-quality, long-life piezo-electric printheads are configured as four interlaced heads using 384 jets per color. These 600-dpi printheads jet a micro-sized 30-picoliter droplet. The result is higher quality prints at lower production costs when compared to typical 360-dpi, 70-picoliter, 6-color printers.

Production-Oriented Speed - Designed-engineered as a production sign system, the DisplayMaker 72UVR uses 16 piezo-electric printheads with 1,536 total jets. The printer boasts a print speed of 400 square feet (37.2 m²) per hour in its Billboard Quality print mode. In its Production Quality mode, the printer turns out 200 square feet (18.6 m²) per hour of quality, sellable graphics. A High Quality mode is also available at 100 square feet (9.3 m²) per hour.

SolaChrome™-UV inks - UV-curable, pigmented inks, available in cyan, magenta, yellow, and black. Each comes in a sealed 3-liter container that allows for easy, no-mess ink changes while protecting the ink from light exposure. SolaChrome-UV inks, which have no solvent odors, are designed for reliable jetting, low maintenance, extended head life, low cost of operation and long-term outdoor display life – 2 to 3 years depending on application. SolaChrome-UV inks cure instantly and print directly on inexpensive uncoated rigid and flexible substrates for durable, indoor and outdoor graphic applications.

Advanced Automation Eye - Consisting of a high-resolution imaging sensor, colorimetric spectrophotometer, and embedded software, the printer automates the setup and calibration steps critical for achieving and maintaining print quality.

Displaymaker UVR/UVX

AutoSet Calibration - analyzes dot placement of printed patterns and automatically sets the head-to-head alignment and bi-directional (bi-di) dot placement alignment to compensate for variable print speeds, head height settings and media thickness.

AutoJet Calibration - eliminates banding in prints and extends the useful life of the printheads by mapping out jets that are not up to performance standards and compensating by using another jet in their place.

AutoTune Scheduler - schedules the AutoJet calibration to occur during unattended print runs to ensure maximum print quality and minimize waste or reprints.

AutoEdge Detection - uses the image sensor to aid in the loading of rigid materials by detecting right, left and leading edges. It also checks for and warns user if the board appears to be loaded askew.

Linearization - the on-board spectrophotometer supplies color and density data to the external RIP's color management software. The color management system then linearizes the color curves to ensure accurate and consistent color.

Color Profiling - using the on-board spectrophotometer, the DisplayMaker 72UVR prints and automatically reads hundreds of color swatches to allow the RIP and ColorMark+ color management software to create custom ICC and ColorMark® profiles for 3rd party media.