

A m e r i c a n U l t r a v i o l e t

Spectra-Coat CS

UV Coating System

American Ultraviolet brings more than 50 years of UV experience, and technical expertise, to the coating industry, offering several lines of new Spectra-Coat CS UV Coating System Solutions.

The Spectra-Coat CS line is setting a new standard for economical UV coaters, offering more features at this low price point than any other coaters on the market. Backed by American Ultraviolet, who has focused exclusively on ultraviolet technology since 1960, and loaded with high-end components, and fewer, unnecessary, traditional consumables, you'll quickly realize many benefits of all four Spectra-Coat CS series UV coaters, including worry-free operation, and the lowest operating cost on the market.

Coating Unit

The Spectra-Coat CS series of UV coaters have a unique, composite, dual-blade doctoring system that lowers the risk of searing the chrome impression roller, while also eliminating all coating from the impression roller. There are separate drive motors on the impression roller, and applicator roller, giving the operator the ability to easily smooth out the coating by creating a differential in speed between the two rollers.

You'll really appreciate direct drive motors that eliminate chain chatter, which improves coating quality; the elimination of end dams, which save you money on replacement parts; and a semi-automatic wash, and removable drip tray, that shorten clean-up time.

Additional benefits common to all four Spectra-Coat CS series coating units include:

- 3-reservoir coating delivery system lowers the risk of contamination by using a debris-eliminating filter between the rollers
- Low-gloss reservoir, with heating pad, improves flow-out, and an agitator keeps fluid consistent
- Semi-automatic wash, and removable drip tray, saves clean-up time
- 1" thick aluminum construction with integrated protected bearings
- The CS-13-S, CS-24-HA and CS-36-HA also feature an integrated applicator roller positioning sensor, which allows you to see a digital read out of the roller position, making it very easy to set up jobs
- The CS 36-HA includes several additional coating unit benefits, including a fully pneumatic control system that assists in doctor blade and metering roller adjustment; and an onboard compressor that eliminates the need for house air



UV Coating Solutions



**American
Ultraviolet**



The most advanced
UV Coaters on the
market today!

Spectra-Coat CS UV Coating System



CS-13

Curing Section

All four Spectra-Coat CS series UV coaters have easy access panels that allow quick access to all UV curing components, extra wide lamps to insure proper curing across the entire sheet, and a hinged UV reflector for easy UV lamp replacement. They also feature:

- Integrated exhaust fan for proper cooling and substrate hold down
- Extra cooling fans to keep substrate and conveyor belt cool
- Lamp guard to protect UV lamp from curled sheets, which helps prevent fires within the lamp chamber



CS-24 Power Supply

Control System

Spectra-Coat CS UV coaters feature PLC-driven controls, with intuitive touch-screen operations, on-board diagnostics to assist with operation and trouble-shooting, and a fail-safe coating control with level monitoring. Other standard control system features include:

- Easy access home screen that reports all vital equipment operations
- Safety locks on all access points that don't require tools or keys
- Easy-to-adjust roll speed with differential change



CS-24 HA

The Spectra-Coat CS-24-HA and CS-36-HA offer the following Height-Adjustable features:

- Automatically adjust to specific paper weight
- Full position readout of rollers
- Adjustable to 1" for maximum substrate thickness
- Easily repeatable for specific jobs

Learn more about American Ultraviolet and our growing line of affordable and effective Spectra-Coat CS UV Curing Solutions.

Visit www.americanultraviolet.com or call
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American Ultraviolet

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