

Plate Room Start-Up/Upgrade Considerations

Items Required for Start-Up (for install and setup)	
Film Imaging Equipment – only applicable for analog platemaking, must also have Film Material	Available from APR
Plate Imaging Equipment – multiple speeds, output resolutions, and sizes available	Available from APR
Platemaking Equipment – solvent, water-wash, or thermal; multiple sizes available	Available from APR
One case of [digital] photopolymer – will need a few sheets of each type of plate material they plan to use during the installation process to set up the equipment	Available from APR
Plate processing solvent/surfactant/wicking material – 1 drum to fill, 1 drum for refresh	Available from APR
Digital plate tape – It would be good to have at least 2 rolls on hand until they decide to order – perhaps 1 3M roll and 1 Adheso roll so the customer can test them both	
3M-471 1" Vinyl – any color	Available from APR
Adheso's vinyl SR Adhesive System – which can be about ½ the price	Available from APR
Lint free rags – 14x17 sheets or 1 roll – use may depend on plate processing system	Available from APR
Box of gloves – especially recommended for solvent plates	Available from APR
Work table (may be a light table) – multiple sizes available	Available from APR

"Must Have" Items	
Plate Cutting table – multiple sizes available	Available from APR
Digital Tabletop Plate Micrometer – multiple sizes available	Available from APR
Techkon Dens Transmission Densitometer – needed for film or digital plate process control	Available from APR
100X Loupe with light – Coaxial Microscope or Beta Colorviewer III are options	Available from APR

Recommended Items	
Duster 2000 (plate room air cleaner)	Available from APR
Light table (esp. if transmission densitometer does not have a back light) – multiple sizes	Available from APR
Plate Analyzer – recommend Troika P-II-P (or BetaFlex Pro or Troika AniCam)	Available from APR
Mounting Tape/Stickyback – many sizes, durometers, adhesives, and OEMs available	Available from APR
Light Booth – many sizes and features available	Available from APR
Plate storage system – many options available (drawers or hanging systems)	Available from APR
Replacement UV Bulbs for plate exposure	Available from APR
Kuhnast UVA & UVC light meter (UVA meter comes with HD Flexo for Esko CDIs)	Available from APR
Safety glasses – especially recommended for solvent and water-wash plates	Available from APR
Safety Tack Mats (ex. 26"x46", about 120 sheets per case)	Available from APR
Plate Transportation Table – Esko table for larger plates (usually 42x60 or 50x80 plate)	Available from APR

Other Considerations	
Plate room layout/spacing, electrical, venting, air circulation, etc.	APR can offer Layout Recommendations
Full HD FlexoCDIs may require transformer	Not Available from APR
Plate cart – such as commercial grade Rubbermaid heavy-duty cart	Not Available from APR
Plate punch	Not Available from APR
Portable eyewash station	Check for Availability from APR
Relief mats for the floor	Not Available from APR
Rulers, yardsticks, markers...	Not Available from APR