

SCENE MACHINE VS DIGITALLY INSERTED BACKGROUNDS

A Comparison For Professional Portrait Photographers

There are two methods to create virtual backgrounds for portraits...the optical Scene Machine and Spectravue method and the digital method which is also known as Chromakey, green screen or blue screen. The digital method can also involve cutting the subject out of any background and replacing the background as with Photoshop. The optical method is generally more suited for professional portrait photography while the digital method is usually the preferred method for commercial photography as well as very specialized types of portrait photography.

	<u>Scene Machine</u>	<u>Digital</u>
Photographer can see the background in the camera's viewfinder as the picture is taken	YES	NO
Background is captured simultaneously with subject exposure	YES	NO
Background can be instantly manipulated in terms of focus, size perspective, color, sharpness, and color	YES	NO
Background is automatically on every proof and does not have to be added later	YES	NO
Subject can wear any color clothing they wish	YES	NO
Props can be easily used in the foreground and background to accentuate the photograph	YES	NO
Customer always sees proofs with background in place	YES	NO
Equally useful with both digital and film cameras	YES	NO
Needs additional lighting to properly light up the background	NO	YES
Bounce from background can effect subject color	NO	YES