

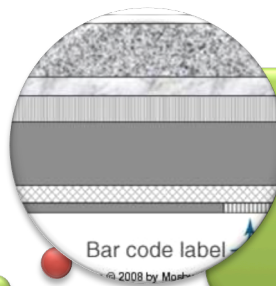


The light converted to electrical signal and then to digital format to manipulation, viewing, and printing. The IP then erased and is returned ready for next exposure.



### (THE READER)

When the plate is put through the scanner, the scanning laser releases the energy stored in the conductive layer as blue light.



### (Imaging Plate)

Multilayered. contains photostimulable storage phosphors, which store the radiation level received at each point in local electron energies.



### (CR)

Uses very similar equipment to conventional radiography except that in place of a film to create the image, an imaging plate (IP) made of photostimulable phosphor is used.