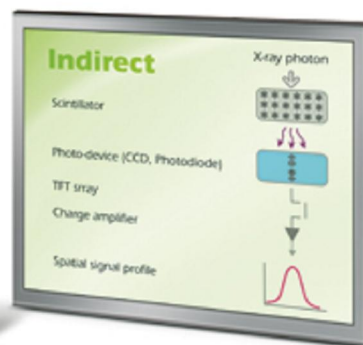


Direct vs Indirect



Thanks to no light blurring, very high MTF value can be acquired. Furthermore, high efficiency in detection can be acquired through a direct conversion.



Light is generated by the 1st step interaction at a scintillator, resulting in dispersion of light. Therefore, it causes the decrease of the image resolution. The Indirect Conversion Detector cannot be produced in normal TFT production facilities. Furthermore, a process of producing photodiodes is required to be added. Therefore, an independent production line should be constructed.