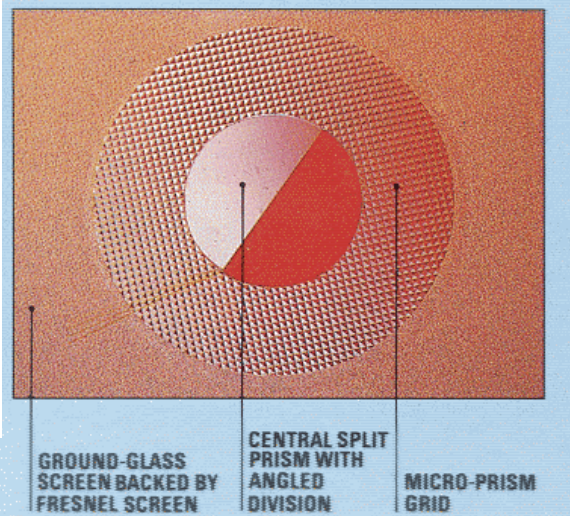


SCREEN COMPONENTS AND SHUTTER TYPES

ELEMENTS OF A FOCUSING SCREEN.

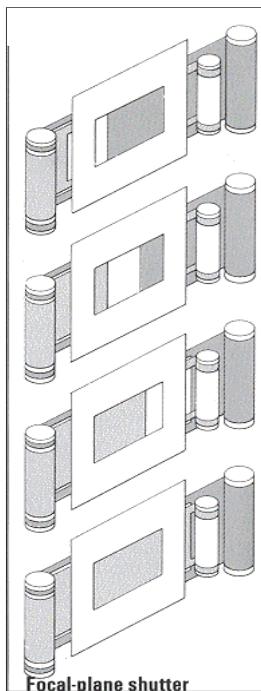
There is a variety of screen designs for SLR's, but there are three standard elements, each particularly suitable for focusing on certain kinds of subjects. The screens supplied with most cameras feature all three: a split prism viewfinder which show displacement of an out of focus subject, a microprism grid, which 'scrambles' unfocused images, and a plain screen for detailed, but slower focusing



SCREEN COMPONENTS

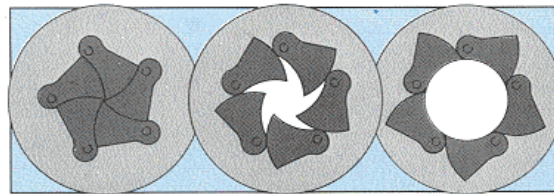
1. Split prism finder which shows the displacement of an out of focus subject.
2. A microprism grid that 'scrambles' unfocused images.
3. A plain screen for detailed, but slower focusing

FOCAL PLANE SHUTTER



Focal-plane shutter

LEAF SHUTTER SYSTEM



Leaf Shutter, usually situated between the elements of a lens, a leaf shutter works on the principle of an iris. A number of interconnected curved blades operate to give an expanding and contracting aperture. The sequence above illustrates half of the action, and so half an exposure sequence.