

chemistry of photographic processing

Chemistry of photographic processing is a fascinating and intricate subject that intertwines art and science, revealing how chemical reactions can capture moments in time. Understanding the chemistry involved in photographic processing can enhance both the appreciation of photography as an art form and the technical skill of photographers. This article delves into the fundamental principles, processes, and chemicals involved in traditional film photography, as well as the transition to digital photography and its own chemical foundations.

The Basics of Photography

Photography fundamentally relies on the interaction of light and materials. When light hits a photosensitive material, it induces a chemical change that captures an image. The two main types of photographic processes are analog (film) and digital photography, each with its own unique chemical pathways.