

Nikon coolpix P1000 B700 P900 Camera P Mode Tutorial

Difference between Auto & P Mode .

Difference between Auto & Programmed Auto (P) Mode .

In mode P, the camera automatically adjusts shutter speed and aperture. You can not change it in this mode .

But you can change focus area , focus mode , exposure ,ISO , custom picture control etc . you can use MF (Manual Focus) in this mode, you can use macro focus, auto focus, noise reduction filter, d-lighting, multi-exposure, histogram,

What is the difference between “AutoFocus” and “Macro” modes of focus

Macro focus Also known as Macro close-up .

AF- Auto focus

Use when the distance from the subject to the lens is 50 cm (1ft 8in.) or more, or 2.0 m (6ft 7in) or more at the maximum telephoto zoom position .

Macro close-up

You can use almost any **mode** when taking Macro/Close-ups

I'll stick with P Mode

You can use Scene - Close-Up Mode

(gives you either Normal or Noise Burst Reduction - use Normal)

Use the Rotary Selecting wheel on the back to chose **Macro (with the flower)**

Set when taking a close up picture.

When the zoom ratio is set to a position where macro and the zoom indicator are displayed in green,the camera can focus on subjects as close as approximately 1 cm (0.4in) from the lens .

When the zoom is at a position more wide angled than where the triangle is displayed ,the camera can focus on subjects as close as approximately 1 cm(0.4 in) from the lens .

Change the focus with the focus wheel on back of camera.

Macro and zoom are shown in green bar at top of screen - if it's green you can focus it.

Macro focus is extreme close-up photography, usually of very small subjects, in which the size of the subject in the photograph is greater than life size.The ratio of the subject size on the film plane (or sensor plane) to the actual subject size is known as the reproduction ratio.

Likewise, a macro lens is classically a lens capable of reproduction ratios of at least 1:1..

Nikon p900 Setting for Macro

Image Quality - Fine

ISO - 400 (high enough without too much noise)

Metering - Center-Weighted because typically the subject is close to the center

Auto Focus Mode - Manual Normal - gives you control over where I want camera to focus

Zoom Level Memory - **ON** (With Zoom Level Memory **ON** you can see if you exceed the Close-Up Focus mode because the flower will turn white) You also get a small green triangle which shows the zoom level for the closest possible focus point.

Taking Macros you want to determine the widest possible field so you know what you can get in that field. Put in Macro - Auto Focus mode, and wait till flower turns green.

The widest possible field whether in Macro-Auto Focus mode or Scene Close Up Focus mode is about the same.

Sometimes repeated efforts to focus with Macro Auto Focus will fail so you have to switch to Manual Focus. Helpful to have the side zoom button changed to Focus Mode rather than Zoom Mode if using Manual Focus.