

# Autofocus Compact 35mm Cameras

Text and Chart  
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If you listen or read the pundits forecasting the future of photography, you would think compact (or point-and-shoot) 35mm cameras were a dead, or rapidly dying, equipment category. But from the nearly 50 interesting and brand-new cameras introduced in the past year this is obviously not the situation. If a compact 35mm is your cup of tea here are some tips on selecting a compact camera that's just right for you.

**Shape and ease of use:** Many cameras have a prominent bulge (often rubberized) on the right front and back making it much easier to hold tightly and properly since your fingers naturally grip that bulge. Some models have a flash that pops up from the body while others simply place a small raised warning bar below the built-in flash so the user won't block it. If you ever look at the manner in which some people casually hold their cameras, with fingers blocking the flash and thereby unintentionally causing an underexposed picture, you will realize how important this relatively minor design detail is.

**Autofocusing:** We only include autofocus models in our chart. Today's autofocus cameras typically use infrared beams to detect the distance of the main subject then set the lens for that distance. This does an excellent job on most subjects in nearly all light levels. Be aware that there are many dozens of more basic fixed focus cameras available that take quite good pictures of subjects from 5 ft to infinity. They should be considered if this is the only type of photography you will be doing, but again, we don't include them here.

**Control buttons:** Are the buttons large enough for easy pressing and well marked for easy visibility? Is the LCD large enough for good legibility? Some cameras have a lighted LCD for much easier reading and for adjusting modes in low-light levels.

**Zoom range:** Lots of better cameras have a long 3 or 4x zoom range, which can be helpful for capturing larger images of distant subjects, or more detailed images of nearby subjects. But this can be a disadvantage also because long zoom range lenses typically lose two or more f/stops between the widest zoom position and the extreme telephoto zoom. This requires the camera to select a slower

shutter speed, resulting in a blurred subject. Another major deficiency of this smaller lens opening at telephoto is that it will drastically shorten the flash range. Because of this it is usually recommended that you use a faster film in a long-range zoom camera.

**Shutter speed range:** Typical compact cameras have a somewhat limited shutter speed range, often 1/4-1/250 sec. A few have a broader range from several seconds to 1/500 sec or faster. If you like to take existing light subjects without flash, be sure your camera has a range of slower shutter speeds. Just be sure to hold the camera extra steady, or use a tripod for these subjects. A few cameras have a B (Bulb) setting for either a timed long exposure, or keeping the lens open as long as you hold down the shutter release. For experienced photographers, this can be a helpful capability.

**Viewfinder accuracy:** All compact (non-SLR) cameras have a viewfinder that shows an approximation of what will be recorded on the film. This is because the viewfinder is positioned above the lens and does not see the exact same field as the lens. For subjects 5 or more feet from the camera, the viewfinders tend to be pretty accurate. But for closer subjects you have to use

## INSIDER TIP

Many compact cameras depend upon the broad exposure latitude of color negative film for producing a printable negative. So if you ever want to use more exposure critical color slide film in your compact, be sure to check on the camera's capability with a test roll before taking serious pictures, or your slides may not be properly exposed.

frame lines visible in the viewfinder as the top and side of the composition you want. A few cameras only show these crop marks when a close-up subject is detected, so they are less confusing to use. If you want to have very accurate framing or composition, and easy to make close-up pictures, then you should consider an SLR camera.

**Close focusing:** Nearly all compacts autofocus to at least 3 ft. A few will allow you to take sharply detailed close-up pictures of subjects only 12-18" away. If the camera has this capability, be sure it has accurate close focus cor-

rection marks in the viewfinder.

**Quartz date:** Many compacts are offered in two similar models, one with quartz dating. This imprinting capability can be helpful for keeping track of exactly when a photo was taken. This feature can always be switched off when you don't want the imprint on a photo.

## Some Other Items To Consider

\* The exposure, or frame counter, shows on the informative LCD on nearly all of today's compacts. But relatively few cameras show the frame number even when the camera is turned off. This is a minor point, but it makes it easier to check for the remaining frames waiting to be exposed without having to switch the camera on.

\* A few cameras advance the film to the end of the roll (prewinds) before the first frame is exposed, then wind the film back into the cassette as the film is exposed. With this system, if the camera back is accidentally opened while film is loaded, only several unexposed frames of film are fogged and ruined instead of pictures already made. A similar picture-saving feature is found on some cameras which have either a double lock on the switch that opens the film back, or a built-in device that won't let the

back be opened while film is loaded.

\* Some cameras have an optional panorama mode, which will mask the top and bottom of the film resulting in a long, narrow image. Most finishers will simply print this frame the same size as the rest of the prints on that roll, with a black strip along the top and bottom, but a few will make an extra long print about 3.5x10 or 4x12 ft depending on the print size ordered. Of course, this printing will cost more.

## Some Notes On The Chart

• We only use the MSRP (Manufac-

## INSIDER TIP

One problem with autofocus occurs when taking a picture of two people in front of a distant background. Often the autofocus will read in between the people you want sharp and detailed and focuses on the distant background, resulting in the people being drastically out of focus. Most compacts have a focus lock feature that is invaluable for this, and other difficult focusing situations. Learn to use focus lock and more of your pictures will be sharper.

turer's Suggested Retail Price) on the accompanying camera features chart. But, as with most all products, the actual selling or "street" price typically is considerably less than the MSRP.

• The accompanying chart contains as much of the pertinent specification data as we could obtain about the different autofocus models of 35mm cameras currently offered. If the data was not available, we put N/A in the space.

• Close focus distance normally is for the shortest focal length of a zoom lens.

• Autofocusing is classified as either "active" or "passive" with the passive type supposedly more accurate for shooting through glass.

• The flash range is always shown for ISO 100 film and the lens at the shortest focal length. Be aware the flash range at telephoto often is half of this distance.

• Weights shown are without batteries.

• In the final "Comments" column we try to list any special or unusual features found on that particular camera.

Please see our separate list of Manufacturers' names and addresses on page 94 to request a brochure that will more fully detail the features of the camera you seek.

For a dictionary of photographic and digital terms, go to our web site, [www.shutterbug.net](http://www.shutterbug.net) and type in the keyword "glossary" on our homepage. 

COMPACT CAMERAS												
Brand Model	Focal Length	f/stop	Shutter Speed	Focusing Type	Close Focus	DX ISO	Battery	Flash Range	Size	Weight (in. oz.)	MSRP	Comments
Argus M5700D	38-135mm	NA	NA	Active IR AF	NA	NA	NA	NA	NA	NA	\$116	3.6X zoom; Date back
Argus M5500D	35-60mm	NA	NA	Active AF	NA	NA	NA	NA	NA	NA	\$140	3.3X zoom; Big viewfinder; Date back.
Argus M4500	33-90mm	f/7-10.5	1/4-1/360	Active IR AF	3'	50-3200	2-AA	3-9'	4.6x2.7x1.5"	6.5	\$70	2.7X zoom.
Bell + Howell PZ4000D	38-145mm	f/7-13	1/2-1/280	Active IR AF	3'	50-3200	CR123A	3-9'	4.9x2.8x2.4"	9.2	\$220	3.8X zoom; Film prewind, Large LCD on top; Date imprinting; Case.
Bell + Howell PZ2200	35-70mm	f/5.2-9.8	1/4-1/200	Active AF	3'	50-400	CR123A	3-9'	4.9x2.7x1.8"	7.7	\$50	2X zoom; Multi-mode flash.
Canon Sure Shot Z155	37-155mm	f/4.8-11.7	4-1/790	3-point passive	2'	25-3200	CR123A	2-24' ISO 400	4.4x2.3x1.9"	7.9	\$300	7-mode best shot dial; Caption model also has date and remote control.
Canon Sure Shot Z90w	28-90mm	f/4.5-9.5	NA	3-point hybrid AF	1.5'	25-3200	CR123A	2-12'	4.6x2.5x1.7"	8.6	\$200	3X wide angle zoom; Best Shot seven mode dial; Hybrid active + passive AF; Optional caption model.
Canon Sure Shot A-1	32mm	f/3.5	NA	3-point active AF	1.5'	25-3200	CR123A	NA	5.3x3.5x2.1"	11.2	\$250	Waterproof down to 16.5'; Extra-large viewfinder; Date model available.
Canon Sure Shot 105 Zoom S	38-105mm	f/3.8-9.9	NA	3-point smart AF	2'	25-3200	CR123A	2-21'	4.7x2.5x1.9"	9.2	\$220	2.8X zoom; Best Shot mode dial; Date model available.
Canon Sure Shot 76 Zoom	38-76mm	f/4.2-7.8	NA	3-point Active AF	2'	25-3200	CR123A	2-15'	4.8x2.7x1.7"	7.9	\$130	Mode dial.
Canon Sure Shot Owl PF	35mm	f/3.8	1/45-1/160	3-step AF	2.6'	25-3200	2-CR123A	2.6-33'	5x2.9x2"	8.2	\$50	Very powerful, long range flash. Date model available.
Canon Sure Shot Classic 120	38-120mm	f/4.5-10.9	2-1/770	Hybrid 3-point dual AF	2'	25-3200	2-CR2	2-13.5'	4.5x2.5x1.8"	9	\$270	3.2X zoom; Panorama; Optional remote; Als in caption model.
Canon Sure Shot 85 Zoom/Date Platinum	38-85mm	f/4.2-8.7	2-1/500	3-point, 280 step AF	2'	25-3200	CR123A	2-17'	4.8x2.5x1.6"	7.6	\$180	2.2X zoom; Mode dial.
Canon Sure Shot 130u	38-110mm	f/5.6-12.5	2-1/560	Passive 3-point AF	2'	25-3200	CR2	2-10'	4.1x2.3x1.8"	7.4	\$220	3.4X zoom; ultra-compact; aluminum body; Programmed Image Control; 1.5' macro mode.
Canon Sure Shot 115u	38-115mm	f/5.6-13	2-1/440	Passive 3-point AF	2'	25-3200	CR2	2-11'	4.2x2.3x1.7"	6.2	\$180	3X zoom; ultra-compact; aluminum body; Programmed Image Control; 1.5' macro mode.
Canon Sure Shot 105u	38-105mm	f/5.6-11.9	2-1/440	Passive 3-point AF	2'	25-3200	CR2	2-11'	4.2x2.3x1.7"	6.9	\$160	2.8X zoom; ultra-compact; aluminum body; Programmed Image Control; 1.5' macro mode.
Canon Sure Shot 90u	38-90mm	f/4.7-10.5	2-1/480	Passive 3-point AF	2'	25-3200	CR2	2-12'	4.2x2.3x1.7"	6.7	\$130	2.4X zoom; ultra-compact; aluminum body; Programmed Image Control; 1.5' macro mode.
Canon Sure Shot 80u	38-80mm	f/4.7-9.4	2-1/480	Passive 3-point AF	2'	25-3200	CR2	2-12'	4.2x2.3x1.7"	6.7	\$120	2.1X zoom; ultra-compact; aluminum body; Programmed Image Control; 1.5' macro mode.
Contax T3 Silver	35mm	f/2.8	16-1/1200	Passive AF + manual	1.1'	25-5000	CR2	1.1-7.5'	4.1x2.5x1.2"	8.2	\$1050	Fast f/2.8 Carl Zeiss Sonnar T* lens; Broad shutter speeds; Titanium body; 7 custom functions; Built-in & optional external flash.
Contax T V8 III	28-56mm	f/3.5-6.5	16-1/700	Passive + manual	1.6'		1-CR123A	12'	4.9x0.7x1.7"	13.3	\$1550	2X Zeiss Sonar T* lens; Panorama; Date model.
Exakta Macro 115 AF	38-115mm	f/3.9-10.8	3-1/250	Active IR AF	2.3'	100-3200	CR123A	2.3-14'	4.8x2.8x2.1"	8.6	\$150	3X zoom; Super macro mode 10-27"; Date model available.
Exakta Zoom 901 AF	38-90mm	f/5.6-10.5	1/4-1/360	Active IR AF	3'	50-3200	2-AA	3-12'	4.7x2.6x1.5"	6.5	\$77	2.4X zoom; Pouch included; date model available.
Exakta Zoom 702 AF	35-70mm	f/5.6-10.5	1/60-1/300	IR AF	3'	50-3200	CR123A	3-10'	4.5x2.6x1.4"	7'	\$75	2X zoom; Pouch included; date model available.
Exakta Zoom ECO 75 AF	35-70mm	f/5.5-11	NA	AF	3'	100-400	CR123A	3-8'	4.7x2.7x1.8"	7.5	\$79	2X zoom.
Exakta Top 2 AF	35mm	f/4.5	1/125	Contrast AF	4'	100-400	2-AA	NA	4.7x2.8x1.9"	6.1	\$28	Non-zoom; Case included; date model available.
Exakta BF 3 AF	28mm	f/4.5	1/125	IR AF	4'	100-400	2-AA	4-9'	4.4x2.6x1.6"	6	\$35	Non-zoom wide angle lens; Big Finder; Case included; date model available.
Fujifilm Zoom Date 1300	28-130mm	f/5.8-11.5	NA	Passive AF	2'	50-3200	CR-2	2-9.5'	4.2x2.6x1.6"	6.3	\$350	Broad 4.6X zoom; 1.6' macro at 130mm slim; Large backlit LCD; Multi-mode dial on back; Date imprint.
Fujifilm Zoom Date 1000	28-100mm	f/5.8-10.5	1-1/500	Active IR AF	2.1'	50-3200	CR-2	2-9.5'	4.2x2.4x1.6"	6.2	\$320	3.6X zoom; 1.6' macro at 100mm; Slim; Extra-large, backlit LCD; Round toggle on back for modes; Date model.
Fujifilm Zoom Date 160EZ	38-160mm	f/5.8-12.5	NA	Passive AF	2.1'	50-3200	CR2	2.5-10'	4.3x2.4x1.8"	6.5	\$280	Long 4.2X zoom; Sure load prewind; Large illuminated LCD on back; multi-mode; Date imprint; Opt. Remote Control.
Fujifilm Zoom Date 140EZ	38-140mm	f/7-13	NA	Passive AF	2'	50-3200	CR2	NA	4.3x2.4x1.9"	6.5	\$230	3.7X zoom; Sure load prewind; Large illuminated LCD on back; multi-mode; Date imprint.
Fujifilm Zoom Date 140	38-140mm	f/7-13	NA	Active AF	3'	50-3200	CR123A	NA	4.8x2.7x2.3"	8.5	\$280	3.7X zoom; Sure load prewind; Large LCD; multi-mode; Date imprint.
Fujifilm Zoom Date 125SR	38-125mm	f/5.3-10.5	1/2-1/500	Active AF	3'	50-3200	CR123A	3-9'	4.6x2.5x1.7"	6.9	\$260	3.3X zoom; Large rear LCD; Multi-mode; Date Imprint.
Fujifilm Zoom Date 120	38-120mm	f/6.7-12.7	NA	Active AF	3'	50-3200	CR123A	3-9'	4.8x2.7x2.3"	8.1	\$240	3.2X zoom; Sure load prewind; Large LCD; multi-mode; Date imprint.
Fujifilm Zoom Date 100	38-100mm	f/6.7-11.5	NA	Active AF	3'	50-3200	CR123A	3-9'	4.8x2.7x2.3"	8.1	\$180	2.5X zoom; Sure load prewind; Large LCD; multi-mode; Date imprint.
Fujifilm Zoom Date 60EZ	35-60mm	f/6.3-10.2	1/3-1/300	Active AF	3.3'	100-400	2-AA	3-9'	4.5x2.7x2.1"	7.2	\$90	1.7X zoom; Date imprint.
Fujifilm Zoom Date 60	35-60mm	f/6.3-10.8	NA	Active IR AF	3.3'	100-400	2-AA	3.3-9.5'	4.8x2.7x2.3"	8.5	\$100	1.7X zoom.
Fujifilm Big Viewfinder Date 60AF	28mm	f/5.6	NA	NA	NA	NA	NA	NA	NA	NA	\$70	Wide angle 28mm lens.
Goko MacroMax MAC-10 Z3200	38-120mm	f/3.8-11.5	4-1/256	Active AF	4-8"	100-3200	CR123A	GN 39	4.7x2.7x2"	9	\$300	Special ultra macro 4-8" mode with removable frame for field and distance & super macro 8-20".
Goko MacroMax FR-350	31mm	f/6.7	1/90-1/300	3 manual focus zones	4"	100-400	CR2	3-9.8'	4.7x2.5x1.8"	6.7	\$160	3 manual focus ranges: Inf-3.3', 3.3-1', 1'-4"; Handy detachable wire close focus frame.
Goldline Suprema AF-700	27mm	f/5.6	1/100	AF	3.3'	100-400	2-AA	3-11'	4.4x2.5x1.5"	4.7	\$30	Non-zoom basic AF.
Kodak KE115 EasyLoad	38-115mm	NA	4-1/500	NA	NA	100-800	CR2	2-21'	5x2.7x1.5"	9	\$200	3X zoom; EasyLoad system; Multi-mode Data writer dating.
Kodak KE85 EasyLoad	38-85mm	f/3.9-8.5	4-1/500	100-zone AF	2'	100-800	CR2	2-21'	5x2.7x1.5"	NA	\$120	2.2X zoom; EasyLoad system; multi-mode.
Kodak KE60 EasyLoad	29mm	f/5.6	1/60-1/400	3-zone AF	1.5'	100-800	123A	1.5-12'	4.8x2.5x1.5"	6.1	\$75	EasyLoad; Motorized advance/rewind; LCD panel; Close focus.
Konica Hexar Silver	35mm	f/2	30-1/250	Active spot	2'	25-5000	1-2CR5	23'	5.4x3.1x2.5"	12.4	\$1000	Fast lens; AF+ man foc.; Shoe flash; App. priority.

# Autofocus Compact 35mm Cameras

COMPACT CAMERAS												
Brand Model	Focal Length	f/stop	Shutter Speed	Focusing Type	Close Focus	DX ISO	Battery	Flash Range	Size	Weight (in. oz.)	MSRP	Comments
Konica Z-up 130e	35-130mm	f/4.1-13	1.2-1/300	Active AF	2.6'	25-3200	CR123A		4.5x2.6x1.9"	7.8	\$160	settings; data model; case included.
Konica Lexio 115	38-115mm	f/4.5-12.5	1/5-	Active AF	2'	25-3200	CR2		4.4x2.4x1.5"	7.1	\$170	3X zoom; Thin, light body; +1.5/EV
Konica Z-up 90e	38-90mm	f/4.8-10.5	1.7-1/300	Active AF	2'	25-3200	2-AA	2.6-11.5'	4.6x2.6x1.9"	7.8	\$90	settings; Data model; Case.
Konica Lexio 70	28-70mm	3.4-7.9	1/3-1/500	Active AF	2.3'	25-3200	CR2	2.3-17'	4.2x2.3x1.3"	6.3	\$140	2X zoom; Tiny light body; +1.5 EV exposure comp.; Wide 28mm lens.
Leica C3	28-80mm	f/3.6-7.9	99-1/370	Active IR AF	2.5'	50-3200	CR123A	2.5-10'	5.2x2.7x1.8"	9.5	\$399	2.9X wide angle zoom; Leica Vario-Elmar lens; Aluminum body; Date imprint.
Leica C2	35-70mm	f/4.6-8.6	2-1/330	Passive multi-zone AF	2'	50-3200	CR123A	2-10'	4.8x2.6x1.6"	8.4	\$279	2X zoom; Leica Vario-Elmar lens; Aluminum body; Date imprint.
Leica C1	38-105mm	f/4-10.5	NA	NA	NA	50-3200	CR123A	NA	NA	NA	\$399	2.8X Vario-Elmar zoom lens; Long exposure possible; Leather case.
Leica Minilux	40mm	f/2.4	1-1/400	Active	28"	25-5000	1-CR123A	10'	5x2.8x1.6"	11.6	\$649	Fast Vario-Elmar lens; Date model.
Leica Minilux Zoom	35-70mm	f/3.5-5.6	1-1/250	Active	28"	25-5000	CR123A	9.3	5x2.9x1.8"	13.1	\$849	2X zoom; New black titanium model; uses separate Leica CF flash; Date model.
Minolta Zoom 110 Date	38-110mm	f/5.4-10.5	4-1/500	Active AF	2.3'	25-3200	CR123A	2.3-17'	4.5x2.5x1.8"	6.5	\$152	3X zoom; Multi-mode; Broad flash range; Date imprint.
Minolta Zoom 80 Date	38-80mm	f/6-12	1/1.7-1/430	Active AF	3'	100-400	2-AA	3-11.5'	4.3x2.4x2"	5.8	\$120	2.1X zoom; Date imprint.
Minolta Zoom 60 Date	35-60mm	f/6.3-10.3	1/3-1/250	Active AF	3'	100-400	2-AA	7-Mar	4.5x2.6x1.7"	6.7	NA	1.7X zoom; Date imprint.
Minolta TC-1	28mm	f/3.5	2-1/750	Passive AF + manual	18"	25-3200	CR123A	18'-8'	3.9x2.3x1.2"	6.5	\$1450	Tiny; Auto/Man focus; Aperture priority.
Minolta Freedom Zoom 160	37.5-160mm	f/5.4-12.4	10-1/500	Passive AREA-AF	2'	25-3200	CR123A	2-15'	4.4x2.4x1.8"	6.9	\$318	4.3X zoom; New AREA-AF w/3 focusing modes & eye-start automation; Multi-segment metering; Date available.
Minolta Freedom Zoom 140	37.5-140mm	f/5.4-11.7	10-1/500	Passive AREA-AF	2'	25-3200	CR123A	2-15'	4.4x2.4x1.8"	6.9	\$272	3.7X zoom; New AREA-AF with 3 focusing modes & eye-start automation; Multi-segment metering; Date available.
Minolta Freedom Zoom 130	37.5-130mm	f/5.4-10.5	10-1/380	Active multibeam AF	2'	25-3200	CR123A	2-17'	4.4x2.4x1.5"	7.1	\$237	3.1X zoom; Extra slim profile; Date mode available.
Minolta Freedom Zoom 150EX	38-150mm	f/5.4-11.9	10-1/500	Passive AF	1.9'	25-3200	CR123A	1.9-15'	4.4x2.4x1.7"	6.7	\$384	3.7X zoom; Continuous; DX; Remote; Macro; Date model.
Minolta Freedom Zoom 140EX	38-140mm	f/3.5-9.4	2-1/500	Passive AF	25"	25-3200	2-CR123A	31'-18'	5.3x2.8x2.3"	11.2	\$426	3.7X zoom; Continuous; DX; Remote; Macro; Date model.
Minolta Freedom Zoom 125	37.5-125mm	f/5.4-10.3	10-1/500	Passive multi AF	2'	25-3200	CR123A	2-15'	4.4x2.4x1.7"	6.7	\$307	3.3X zoom; Date model available.
Minolta Freedom Zoom 115	37.5-125mm	f/5.4-10.9	10-1/390	Passive AF	2'	25-3200	CR123A	2-17'	4.4x2.4x1.5"	7.1	\$237	3.1X zoom; Extra slim profile. Date model available.
Minolta Freedom Zoom 90 Date	38-90mm	f/4.8-10.8	1-1/200	Active AF	3.3'	100-400	CR123A	3.3-14'	4.7x2.8x2"	8.1	\$149	2X zoom; Date model.
Minolta Freedom Zoom 70	35-70mm	f/5.3-9.8	NA	Active AF	4.3'	100-400	CR123A	4.3-9.8'	5.1x2.9x2.1"	8.6	\$126	2X zoom; Date model available.
Minolta Freedom Action Zoom 90	38-90mm	f/4.8-10.8	1-1/200	Active AF	39"	100-400	CR123A	3-14.6'	4.7x2.8x1.9"	7.9	\$171	2.4X zoom; Multi-mode flash; Date model.
Minolta Freedom Family Zoom II	35-60mm	f/5.3-8.4	1/15-1/200	Active AF	4.3'	100-400	CR123A	4.3-9.8'	5x2.9x1.9"	8.3	\$111	3X zoom; Continuous; DX; Date back.
Minolta Freedom Zoom Explorer EX	28-75mm	f/3.5-8.9	8-1/500	Passive AF	1.3'	25-3200	CR123A	1.3-19'	4.8x2.6x1.7"	8.6	\$248	2.7X zoom; Wide angle 28mm.
Minolta Freedom Sightseer Zoom	37-70mm	f/5.3-9.8	NA	Active	4.3'	100-400	1-CR123A	9.8"	5.1x2.9x2.1"	8.6	\$140	2X; Date model.
Minolta AF50 Big Finder	27mm	f/5.6	1/40-1/250	Active AF	3.3'	100-400	2-AA	3.3-9.2'	4.4x2.6x1.4"	5.8	\$74	
Minolta AF35 Big Finder	27mm	f/6.3	1/100	Active AF	2.6'	100-400	2-AA	2.6-8.2'	4.3x2.7x1.6"	5.3	\$56	
Minox CD155	38-155mm	f/3.9-10.7	1-1/350	Active AF	31"	NA	CR123A	31'-13'	4.8x2.6x2.2"	9.6	\$259	4X zoom; soft touch finish, date model available.
Minox CD150	38-150mm	f/4.5	NA	Active AF	3.3'	NA	CR123A	NA	4.5x2.4x1.8"	5.9	\$179	3.9X zoom; Belt case included; Date back model available.
Nikon Lite Touch Zoom 150 ED QD	38-150mm	f/5.4-12.4	2-1/500	Wide-area Passive AF	2.5'	25-3200	CR123A	GN 100	4.6x2.4x1.8"	\$7	\$300	4X zoom; Pop-up flash; Diopter adjustment; Panorama; Date imprint.
Nikon Lite-Touch Zoom 140ED QD	38-140mm	f/3.5-10.5	2-1/500	Passive AF	2.4'	50-3200	CR123A	NA	4.5x2.5x1.7"	7.9	\$310	3.7X zoom; Pop-up flash; Date back.
Nikon Lite Touch Zoom 130 ED QD	38-130mm	f/5.3-10.5	2-1/500	Passive AF	2.5'	50-3200	CR123A		4.6x2.4x1.7"	6.7	\$140	3.4 zoom; Pop-up flash; Date back.
Nikon Lite-Touch Zoom 120ED QD	38-120mm	f/3.9-10.5	2-1/360	Passive AF	2.5'	50-3200	123A	2.5-13'	4.5x2.3x1.6"	7.4	\$225	3.2X zoom; Pop-up flash; Date back.
Nikon Lite Touch Zoom 110s QD	38-110mm	f/4.5-11.9	2-1/300	Active AF	2.6'	50-3200	CR123A	2.6-14'	4.5x2.5x1.9"	7.6	\$185	2.9X zoom; Pop-up flash; Date imprint.
Nikon One-Touch Zoom 90s/QD	38-90mm	f/4.8-10.5	2.6-1/250	Active AF	2.3'	100-800	CR2		4.6x2.5x2.1"	7.9	\$115	Macro close-up mode to 12".
Olympus Infinity Zoom 105 QD	38-105mm	f/3.7-9.5	2-1/500	AF	2.6	50-3200	CR123A	2.6-17'	4.7x2.6x2.2"	8.1	\$150	2.8X zoom; Vari-power pop-up flash; Long flash range; Date model available.
New Olympus Infinity Zoom 80 QD	38-80mm	f/4.5-8.9	2-1/500	Active AF	2.6'	100-800	CR123A	2.6-10'	4.6x2.5x2.1"	7.8	\$120	2.1X zoom; Metallic silver color; Sliding lens barrier; Date model.
Olympus LT Zoom 105	38-105mm	f/4.5-8.9	4-1/350	Active	2'	50-3200	1-CR123A	15.4'	4.8x2.6x1.8"	9	\$270	2.8X; Case-free; All-Weather; Panorama.
Olympus Stylus Epic Zoom 170 QD	38-170mm	f/4.8-13	4-1/400	Active & Passive AF	2.6"	50-3200	CR123A	2.6-16'	4.8x2.6x2"	9.7	\$330	2X zoom; Unique confirmation finder darkens when picture made; Panorama.
Olympus Stylus Zoom 140 Deluxe	38-140mm	f/4-11	4-1/400	NA	24"	50-3200	CR123A	2-21'	4.7x2.6x1.8"	9	\$270	3.7X zoom.
Olympus Inf Stylus Epic Deluxe	35mm	f/2.8	4-1/1000	Active	1.1'	50-3200	1-CR123A	13.5'	4.3x2.3x1.5"	4.7	\$163	Tiny; Fast lens; Date model.
Olympus Stylus Select 105	38-105mm	f/5.6-11.3	4-1/570	Active 11-point AF	2'	50-3200	CR2	2.6-10'	4x2.2x1.7"	7.4	\$300	2.8X zoom.
Olympus Stylus 100 Wide	28-100mm	f/4.06-11.9	4-1/630	Active AF	2'	50-3200	CR123A	2-15'	4.6x2.4x1.7"	7.8	\$300	3.6X ultra wide-angle zoom; Broad flash range; Date imprint.
Olympus Stylus 120	38-120mm	f/5.6-12.8	4-1/400	Passive 11-point AF	2'	50-3200	CR123A	2-14'	4.6x2.4x1.7"	7.2	\$225	3.2X zoom; Broad flash range; Date imprinting.
Olympus Stylus 105	38-105mm	f/5.6-11.9	4-1/630	Passive 11-point AF	2'	50-3200	CR123A	2-14'	4.6x2.4x1.7"	7.2	\$150	2.8X zoom; Broad flash range; Date imprinting.
Olympus Trip AF 50	28mm	f/5.6	1/100	AF	2.6'	100-400	2-AA	2.6-7.5'	4.5x2.6x1.5"	4.8	\$60	Ultra wide angle non-zoom lens; lightweight.
Pentax Espio 140V	38-140mm	f/5.8-11.8	2-1/360	Passive 5-point AF	2.6'	25-3200	CR123A	1-11'	4.8x2.4x1.7"	7.4	\$210	3.7X zoom; Clamshell case; Soft case; Date model available.
Pentax Espio 24EW	24-105mm	f/4.9-12.5	2-1/400	Passive 7-point AF	1'	25-3200	CR2	1-11'	4.4x2.4x1.6"	7.1	\$285	Broad 4.4X ultra-wide angle zoom; 1' close focus; Panorama; Soft case; Date model available.
Pentax IQ Zoom 170	38-170mm	f/5.6-12.8	2-1/250 +bulb	Passive 5-point AF	2.5'	25-3200	CR2	NA	4.4x2.4x1.9"	7.1	\$360	4.5X; Panorama; Multi pattern metering. Date model available.
Pentax IQ Zoom 150SL	38-150mm	f/5.6-12	2-1/250 +bulb	Passive 5-point AF	2.5'	25-3200	CR2	NA	4.4x2.4x1.9"	7.1	\$283	4X; Panorama; Multi pattern metering. Date model available.
Pentax IQ Zoom 120SW Date	28-120mm	f/5.6-12.8	2-1/400 +bulb	Passive 5-point AF	1.6'	25-3200	CR2	NA	4.4x2.3x1.6"	6.7	\$367	Wide Angle 4.3X; Panorama; Multi pattern metering. Date included.

**COMPACT CAMERAS**

Brand Model	Focal Length	f/stop	Shutter Speed	Focusing Type	Close Focus	DX ISO	Battery	Flash Range	Size	Weight (in oz.)	MSRP	Comments
Pentax IQ Zoom 115V	38-115mm	f/4.3-12.2	2-1/500	Active AF	2.6'	100-400	CR123A	NA	4.7x2.8x2.1"	8.6	\$150	3X zoom; Date model available.
Pentax IQ Zoom 105WR	38-105mm	f/4.5-11	1/2-1/400	Passive 5-point AF	2.1'	25-3200	CR123A	NA	5.2x3x2.3"	12.7	\$333	Weather resistant; 2.8X zoom; Bulb; Panorama; Date model available.
Pentax IQ Zoom 105SW Date	28-105mm	f/5.6-12.8	2-1/400 +bulb	Passive 5-point AF	1.6'	25-3200	CR2	NA	4.4x2.3x1.6"	6.7	\$333	Wide Angle 3.8X; Panorama; Multi pattern metering. Date included.
Pentax IQ Zoom 95WR	38-95mm	f/4.5-10.5	4-1/400 +bulb	Passive 5-point AF	2.2'	25-3200	CR123A		5.2x3x2.3"	12.7	\$293	Watertight can float; 2.5X zoom; Panorama; Large LCD & controls.
Pentax IQ Zoom EZY-80	38-55mm	f/6.3-12.5	1-1/300	Active AF	2.6'	25-3200	CR123A	NA	4.7x2.8x2.1"	7.9	\$108	2.1X zoom; Date model available.
Pentax IQ Zoom EZY-S	38-70mm step zoom	f/4.8-8.5	2-1/300+bulb	Active AF	2.6'	25-1600	CR123A	2.6-12'	4.7x2.8x1.9"	7.9	\$140	1.8X zoom; Date model available.
Pentax IQ Zoom 60S	38-70mm step zoom	f/4.8-8.5	2-1/300 + bulb	Active AF	2.6"	25-1600	CR123A	2.6-12'	4.7x2.8x1.9"	7.9	\$140	1.8X zoom; Date model available.
Praktica Super Zoom 1500AF	38-150mm	f/4.5-13.8	1-1/300	Passive AF	3'	25-3200	CR2	3-11'	4.5x2.4x1.8"	6.5	\$202	3.9X zoom; Large LCD on top; date model available.
Praktica Super Zoom 1250AFD	38-125mm	f/6.3-12.7	1/2-1/250	Active IR AF	3'	50-3200	CR123A	3-10'	4.6x2.6x1.7"	9.8	\$134	3.3X zoom; LCD and controls on back; Date imprinting.; Pouch
Praktica Super Zoom 140AF	38-140mm	f/3.9-10	1-1/330	Passive AF	2.5'	50-3200	CR123A	2.5-17'	4.8x2.7x2.3"	9.5	\$170	3.7X zoom; Panorama; Date model available.
Praktica Super Zoom 110AF	38-110mm	f/4-10.9	1/8-1/350	Active IR AF	2.6'	50-3200	CR123A	2.6-13'	4.8x2.7x1.6"	8.2	\$120	2.9X zoom; Exposure compensation; Strap & case.
Praktica Zoom S70 AF	35-70mm	f/5-9.5	1/4-1/200	Active IR AF	4.2'	50-1600	CR2	4.2-12'	4.5x2.6x1.5"	6.3	\$80	2X zoom; LCD; Strap & case; Date model available.
Praktica Zoom 900 AF	38-90mm	f/5.6-10.5	1/4-1/360	Active IR AF	3'	50-3200	2-AA	3-12'	4.7x2.6x1.5"	6.5	\$87	2.4X zoom; case included.
Praktica Zoom 801 AF	38-80mm	f/6.2-12.3	1/3-1/250	Active IR AF	3'	50-1600	2-AA	3-11'	4.6x2.8x1.7"	7.2	\$92	2.1X zoom; Bulb; Pouch included; date model available.
Praktica Zoom 700 AF	35-70mm	f/5.2-9.8	1/4-1/200	Active IR AF	3'	50-400	CR123A	3-9'	4.9x2.7x1.8"	7.4	\$115	2X zoom; Panorama strap & case; Date model available.
Praktica P 95 AF	28mm	f/5.6	1/50-1/500	Active IR AF	2'	100-400	2-AA	2-9'	4.4x2.5x1.5"	6.1	\$55	Ultra wide angle lens; Case included.
Praktica CM 28 AF	28mm	f/4.5	1/60-1/125	IR AF	4.9'	100-400	2-AA	4.9-8"	4.6x2.5x1.7"	5.9	\$55	Ultra wide angle lens; Pop-up flash; Case included.
Praktica CM 1000 AF	28mm	f/4.5	1/60-1/125	2-step AF	4.9'	100-400	2-AA	4.9-8"	4.6x2.5x1.7"	5.9	\$49	Ultra wide angle lens; Pop-up flash; Case included.
Rollei 130WA	28-130mm	f/5.8-11.5	1-1/500	Passive IR AF	2'	50-3200	CR2	NA	4.3x2.4x1.7"	6.3	\$299	Broad 4.6X ultra wide zoom lens; Extra large LCD on back; Date imprinting.
Rollei AMF 35	38mm	f/2.6	1/2-1/1000+ bulb	Passive AF plus step manual	1.3'	50-3200	CR2	1.3-13"	4.8x2.4x1.3"	8.8	\$349	Metal body; Fast non-zoom lens; Program automatic or aperture-priority auto; Date imprint; Soft case.
Rollei Prego 160	38-160mm	f/5.8-12.6	1-1/400	Passive AF	2.3'	50-3200	CR2	NA	4.5x2.5x1.9"	8.6	\$320	4X wide-angle zoom; Macro close-up 19-36"; Large LCD; Diopter adjust; Date model.
Rollei Prego 100WA	28-100mm	f/5.8-10.5	1-1/500	Passive AF	2.1'	50-3200	CR2	NA	4.3x2.4x1.4x"	6.1	\$229	4X zoom; Bulb; Date back model available.
Rollei Prego 70 Date	35-70mm	f/3.9-7.1	1/3-1/400	Active IR	2.1'	50-3200	CR123A	NA	4.3x2.4x1.3"	6	\$169	2X zoom; DX; Intervalometer; Quartz date included.
Samsung Maxima Zoom 1400 Ti QD	38-140mm	f/4.7-12.5	1/3-1/400	Active IR AF	2.8'	50-3200	CR123A	2.8-1.8'	4.6x2.6x1.7"	8.1	\$150	3.7X; Date; Continuous; Bulb; Date model available.
Samsung Maxima Zoom 105LX QD	38-105mm	NA	NA	AF	2'	50-3200	CR123A	NA	NA	NA	\$120	2.8X zoom; Continuous; Bulb; Date imprinting.
Samsung Maxima Zoom 1050 Ti	38-105mm	f/5-12.7	1/3-1/300+bulb	Active IR AF	2.6'	50-3200	CR2	2.6-1.5'	4.5x2.5x1.7"	7	\$100	2.8X zoom; Bulb; Continuous; Date imprinting.
Samsung Maxima Zoom 170 GLM QD	38-170mm	NA	NA	Passive AF	NA	50-3200	CR123A	NA	NA	NA	\$330	4.5X zoom; Continuous; Panorama; 7 captions per date.
Samsung Maxima Zoom 140 Ti Super QD	38-140mm	f/4.7-12	NA	Passive AF	2.2'	50-3200	CR123A	NA	NA	NA	\$300	3.7X zoom; Continuous; Panorama; Mode dial; Date mode with caption.
Samsung Maxima Zoom 140 Ti QD	38-140mm	f/4.7-12	NA	Passive AF	2.2'	50-3200	NA	NA	NA	NA	\$280	3.7X zoom; Continuous; Bulb; Date & caption model available.
Samsung Maxima Zoom 120 Ti	38-120mm	f/4.5-13.1	NA	Active AF	2.6'	50-3200	NA	NA	NA	NA	\$180	3.2X zoom; Mode dial.
Samsung Maxima Zoom 105 Ti	38-105mm	f/5-12.7	NA	Active AF	2.6'	50-3200	NA	NA	NA	NA	\$140	2.8X zoom; Continuous; Bulb; Mode dial.
Samsung Maxima Zoom 80 Ti	38-80mm	f/6.3-12.3	NA	Active AF	3.3'	NA	NA	NA	NA	NA	\$110	2.1X zoom; Bulb.
Samsung Maxima Zoom 30 Ti	28mm	f/4.5	NA	AF	3.3'	NA	2-AA	NA	NA	NA	\$70	Bright frame viewfinder; Case included.
Samsung Evoca 170 Neo QD	38-170mm	NA	NA	Passive AF	NA	50-3200	NA	NA	NA	NA	\$330	4.5X Schneider Kreuznach zoom lens; Panorama; Date & caption.
Samsung Evoca 140 Neo QD	38-140mm	NA	NA	Passive AF	NA	50-3200	NA	NA	NA	NA	\$300	3.7X Schneider Kreuznach zoom lens; Panorama; Continuous; Interval; Date & caption.
Samsung Evoca 90W Neo QD	28-90mm	f/4.5-11	NA	Passive AF	NA	50-3200	NA	NA	NA	NA	\$210	3.2X wide angle Schneider Kreuznach zoom lens; Panorama; Continuous; Date & Caption.
Samsung Evoca 70 Neo QD	35-70mm	f/4.5-8.1	NA	Passive AF	NA	50-3200	NA	NA	NA	NA	\$190	2X Schneider Kreuznach zoom lens; Bulb; Panorama; Caption imprint.
Vivitar BV65AF	28mm	f/5.6	1/170	AF	4.5'	100-400	2-AA	NA	4.5x2.7x1.4"	6.8	\$32	Non zoom ultra wide angle lens; Big viewfinder; Date model available.
Vivitar PZ3890DB	38-90mm	f/4.8-10.5	NA	Active 28-step IR AF	2.5'	100-400	2-AA	NA	407x2.7x1.9"	NA	\$130	2.4X zoom; Panorama mode; Date imprinting.
Vivitar PZ3815DB	38-150mm	f/4.5-13.8	1-1/300	IR AF	3'	50-3200	CR2	NA	4.5x2.4x1.8"	6.5	\$190	4X zoom; Date imprinting.
Vivitar PZ3580DB	35-80mm	f/5.6-12	1/45-1/500	Active IR AF	NA	100-400	CR2	NA	4.4x2.5x1.7"	6.3	\$110	2.5X zoom; Date imprinting.
Vivitar PZ2370DB	37-70mm	f/5.6-10.3	1-1/300	Active IR AF	NA	100-400	CR123A	NA	4.5x2.6x1.4"	7.9	\$100	2X zoom; Date imprinting.
Vivitar PZ3140	38-140mm	f/3.9-10	NA	IR AF	NA	50-3200	CR123A	NA	NA	NA	\$250	3.7X zoom; Panorama mode; Date back included.
Vivitar PZ2800	28-100mm	NA	1-1/300	Passive AF	1.5'	NA	CR2	NA	4.2x2.7x1.6"	7.9	\$150	3.6X ultra wide angle zoom.
Vivitar 650 PZ	38-110mm	f/4.5-11.9	1/4-1/300	Active AF	2.8'	50-3200	CR123A	2.6-15'	4.3x2.7x2.2"	7.4	\$150	2.9X zoom; Date back.
Yashica Zoomate 165SE	35-165mm	f/6.7-13.1	2-1/300	Passive 5-point AF	3 +macro 1.6'	100-800	CR123A	3-12.8'	4.5x2.5x2"	7.8	\$450	Broad 4.5X zoom; Panorama; Optional external super flash extends range; Macro mode.
Yashica Zoomate 110W	28-110mm	f/6-13.1	2-1/300	Passive 5-point AF	NA	NA	CR123A	NA	4.3x2.4x1.8"	6.7	\$380	3.9X wide-angle zoom; Quite small; Panorama; Remote control included.
Yashica T4 Zoom	28-70mm	f/4.5-8	2-1/300	Passive 5-point AF	1.6'	50-3200	CR123A	1.6-11.5'	4.5x2.5x1.6"	6.8	\$200	2.5X wide-angle zoom; Date imprinting.