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Ordinary Lens

Super-Multi-Coated Lens

THE LENS? SUPER-MULTI-COATED TAKUMAR.

The Pentax ES II comes with a Super-Multi-Coated 50mm f/1.4 or 55mm f/1.8 Takumar lens. These unique lenses greatly improve detail and color contrast while virtually eliminating flare, fog and ghost images. And there is a wide range of perfectly matched Super-Multi-Coated Takumars, from wide-angle and macro to telephoto, to fit the ES II.

SEE THE PENTAX ES II DEMONSTRATED.

If there was any guesswork left in fine photography, this camera eliminates it. If you're getting good pictures now with a good camera, you'll get great shots with the ES II, by far the most sophisticated of the "automatics" . . . the most significant breakthrough in exposure automation.

PENTAX ES II SPECIFICATIONS

Type	35mm through-the-lens metering single-lens reflex camera with focal-plane electronic shutter for automatic exposure control.
Standard lenses	Super-Multi-Coated Takumar 50mm f/1.4 & 55mm f/1.8, with automatic diaphragm. Distance scale: 0.45m (1.5 ft.) to infinity. Filter size: 49mm. With depth-of-field scale.
Viewfinder	Eye-level pentaprism finder, with Fresnel lens + cross-micropism. Finder magnification: 0.89x with 50mm f/1.4. -1.0 diopter. Shutter speed calibration, through-the-lens meter needle and battery check on right side of viewfinder screen.
Shutter	Through-the-lens metering electronic shutter for automatic exposure control + mechanical shutter for manual speed selection. Horizontal run focal-plane shutter. Electronic shutter speeds: Infinitely variable between 8 and 1/1000 sec. Mechanical shutter: B, 1/60(X), 1/125, 1/250, 1/500 & 1/1000 sec.
Flash synchronization	FP + X contacts for conventional flash cord connection. Hot shoe on top of prism housing with X contact.
Film transport	Rapid wind lever. 10° pre-advance angle + 160° advance angle. Automatic re-set type film exposure counter. With convenient "cocked" indicator.
Film rewind	Rewind button on base of camera body releases film from take-up spool for rewind.
Reflex mirror	Instant-return type.
Exposure meter	CdS-activated through-the-lens meter for open-aperture and stopped-down aperture reading. Light measurement range: EV1-18 with ASA 100 film. ASA speeds: 20-3200.
Exposure factor control	Infinitely variable from 1/2X to 4X with detents at 1/2, 1, 2 and 4.
Battery	Four 1.5V silver batteries
Film reminder indicator	EMP., B&W, Color-daylight, Color-indoor.
Dimensions	Width 143mm (5.6") × Height 98mm (3.86") × Thickness 91mm (3.6").
Weight	940 g (2 lb. 1 oz.) with 50mm f/1.4 lens.

Honeywell

The New
HONEYWELL
PENTAX ES II
 the most exciting new camera
 since the SLR was invented.



... With fully automated shutter speed control for perfect exposure every time. It's the camera you've needed for a long, long time.

- Infinite shutter speeds between 1/1000 and 8 seconds.
- Automatic electronically-controlled focal-plane shutter.
- Manual shutter speed control.

The Pentax ES II gives perfect exposures every time! If 1/555 sec. is the ideal shutter speed, that's what you'll get, automatically, electronically, any time, every time. Speeds are infinitely variable between 1/1000 and 8 seconds.



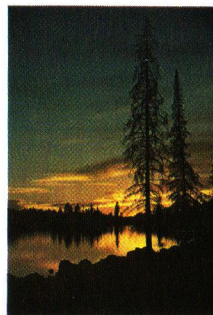
This new ES II uses a patented electronically-controlled focal-plane shutter operation completely different from "EE" automatic cameras.

With the Pentax system, the automatic exposure mechanism controls the speed of the shutter instead of lens aperture.

Here's what you see when the computerized memory circuit goes to work.

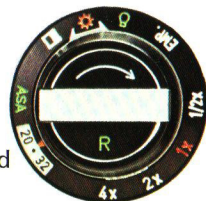
Pre-set aperture (you can get unlimited combinations of f/stops and shutter speeds). Depress shutter release about half-way while viewing. This activates the exposure meter and switches on the automatic exposure control. The needle in the viewfinder indicates the precise shutter speed. If you want a faster or slower shutter speed, just stop down or open up the lens aperture. Whether you're shooting while reading the full-open or stopped-down aperture, there's absolutely no guesswork. The through-the-lens meter records the exact amount of light coming through the lens.

Then the Pentax exclusive patented memory device goes into action: It remembers the intensity of light through the taking lens immediately before the exposure action starts. The result is a perfect exposure.



WE MADE THIS CAMERA MORE SOPHISTICATED SO YOU COULD CONCENTRATE ON CREATIVITY

With fewer dials to fiddle with and no needles to match, you'll have a lot more time to spend on creative composition. And with this camera, you can even attain the creative effects of under or overexposure automatically. No longer do you have to take a close-up reading of your subject, set the meter on hold and rush back to shooting position. Stay put and simply adjust the exposure factor control dial for one or two stops additional exposure or one stop less exposure. What a time saver! You still have complete automation and the full range of variable shutter speeds. When you don't want or need automatic exposures, switch the dial off automatic and select either B or one of the other five manual shutter speeds between 1/60 and 1/1000 second.

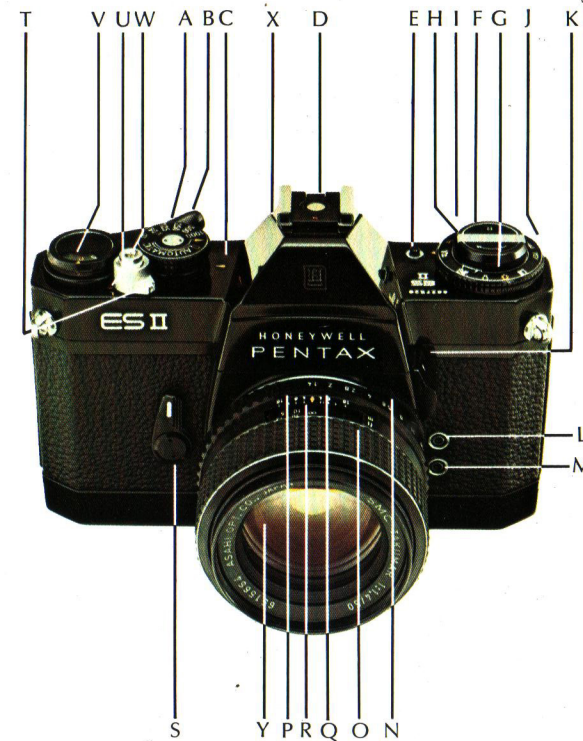


THE NEW PENTAX ES II IS DESIGNED FOR SYSTEM COMPATIBILITY AND VERSATILITY.

In the ES II the automation is in the body of the camera. This means you can use virtually all Takumar lenses and other Pentax accessories with it. Even bellows and extension tubes.

And, of course, with the automation in the camera body, you have complete depth-of-field control because you select the aperture you want.

MAJOR WORKING PARTS



- | | |
|--|----------------------------------|
| A — Shutter speed dial | M — X flash terminal |
| B — Rapid wind lever | N — Diaphragm ring |
| C — Shutter speed index | O — Focusing ring |
| D — X contact hot shoe | P — Depth-of-field guide |
| E — Battery check button | Q — Diaphragm and distance index |
| F — Film rewind knob/Back cover opener | R — Distance scale |
| G — Film type reminder dial | S — Self-timer |
| H — Reminder dial selector | T — Shutter release lock |
| I — Exposure factor control dial | U — "Cocked" indicator |
| J — ASA speed indicator | V — Exposure counter |
| K — Stop-down lever | W — Shutter release button |
| L — FP flash terminal | X — Viewfinder eyepiece |
| | Y — Super-Multi-Coated lens |