



### CANON EOS REBEL S

One of the best values on the camera market, the EOS Rebel S is an entry-level yet full-featured camera that's simple to use, yet surprisingly versatile. Its Green Zone provides point-and-shoot simplicity for beginners, and it shares the EOS Elan's exposure and PIC modes for more serious users. The built-in flash unit provides TTL flash AE, and optional dedicated TTL flash units can be added when more power is needed. Two AF modes (single-shot, and AI, in which the camera automatically switches from single-shot to continuous predictive when subject motion is detected), plus manual focus, multiple-exposure capability, automatic DX film-speed setting with override,

**Top:** Jack and Sue Drafahl created this image of infinite depth of field by individually exposing each crayon with a burst of a Nikon SB-24 strobe. Since the exposures were all the same, each crayon was exposed individually on one frame of film. Image made with Nikon N8008S and 55mm AF-Nikkor Macro lens.

**Sequence:** Here's a good look at how well the Minolta Maxxum 7xi's omnidirectional predictive autofocus functions works. Rather well, we think.

shutter speeds from 30 seconds to  $\frac{1}{1000}$  plus B, and compatibility with all EOS lenses round out the features list.

### CONTAX RTS III

A very expensive and superb manual-focus electronic 35mm SLR, the Contax RTS III is a pro's dream. Among its exotic features: a vacuum system that holds the film perfectly flat during exposure, a preflash spot-metering system that allows the user to read nondedicated and studio flash systems

TTL (TTL flash metering is also available with the dedicated Contax TLA flash unit), an extra-bright viewfinder that shows 100% of the image area, and construction of die-cast copper/silumin aluminum annealed under high temperature and pressure to provide maximum strength.

Other features include shutter speeds from 32 seconds to  $\frac{1}{1000}$  in auto modes (4 seconds to  $\frac{1}{8000}$ , plus B in manual), depth-of-field preview, mirror prelock, X-sync terminal for studio flash, built-in



speeds from 30 seconds to  $\frac{1}{8000}$ , plus B; flash sync up to  $\frac{1}{250}$ ; automatic film advance up to 3.3 fps, multiple-exposure capability, tremendous TTL flash versatility with the dedicated SB-24, high-eyepoint viewfinder, quick and accurate autofocus down to EV -1, a full range of exposure modes (normal, high-speed, and dual program AE, shutter- and aperture-priority AE, and metered manual), and three metering modes (five-zone Matrix, 75%/25% center-weighted average, and spot). Like the F4S, the N8008S will accept virtually all current Nikkor lenses, from 6mm fisheye to 2000mm mirror (with some operational limitations), the TC-16A AF tele-converter, and, of course, all AF Nikkor lenses.

### PENTAX PZ-1

Pentax's top-of-the-line AF 35mm SLR, the PZ-1 provides tremendous versatility and some unique and useful features.

When used with one of the new Pentax Intelligent Power Zoom lenses, the PZ-1 offers four power-zooming features: power zooming, Image-Size Tracking (the lens automatically zooms to maintain a preset subject size as the subject moves toward or away from the camera), Zoom Clip (which allows you to store a focal-length setting, then return to it at any time at the touch of a button), and Zoom Effect (the lens zooms from shortest to longest focal length after half the exposure time, producing an explosion effect).

Focusing modes include single-shot

**Above:** Many of the SLRs represented here incorporate TTL flash, with which ambient light can be perfectly balanced with flash illumination.

**Right:** Another useful function is automatic exposure bracketing, in which the camera will produce a sequence of exposures each programmed to be a set increment apart. In this case, the camera system was bracketing towards overexposure in  $\frac{1}{2}$ -stop increments.

AF, continuous AF with focus prediction, snap-in focus (the camera fires when a subject enters a prefocused zone), and manual. The built-in TTL flash unit has a focus-assist beam, effective out to about 20 feet.

Exposure modes include the unique Hyper Manual and Hyper Program. Hyper Manual works like a standard metered-manual mode, but allows you to instantly set the correct exposure at the press of a button, and (at the touch of another button) to change the shutter speed or aperture without changing the overall exposure. Hyper Program works like a lens-keyed program mode, but allows you to set a desired shutter speed or aperture without exiting the program; and you can change the program line to favor fast shutter speeds for action work, small apertures for great depth of field, or—via the unique MTF (modulation transfer function) program line—to favor the lens's sharpest aperture (based on detecting maximum image contrast). Standard program, shutter- and aperture-priority AE are also provided.

# TOP 20 CAMERAS



Canon EOS Elan



Leica R-6

Other features include a depth-of-field preview, three-frame auto-exposure bracketing, a built-in TTL flash unit, shutter speeds from 30 seconds to  $\frac{1}{8000}$  (plus B), built-in intervalometer, multiple-exposure capability, built-in 3fps motor drive, and 18 built-in Pentax Functions.

## CHINON GENESIS III

Combining a 38-110mm power-zoom lens, flashmatic sensor flash unit, motorized film transport (single frame and three-shot sequences at 1 fps), and SLR viewing into a convenient package, the Genesis III is a point-and-



Above: This is the "under" portion of the autobracketing series begun on the previous page.