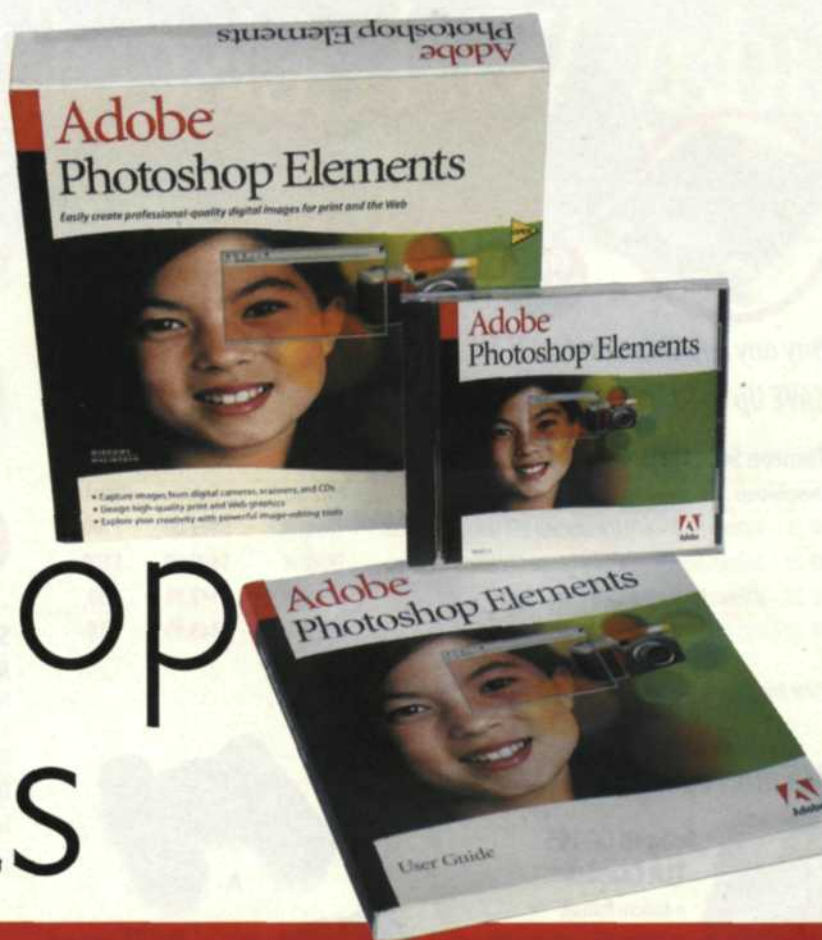


Adobe Photoshop Elements



Powerful and versatile image-editing and more, at a consumer-level price *Text and photos by Jack and Sue Draflahl*

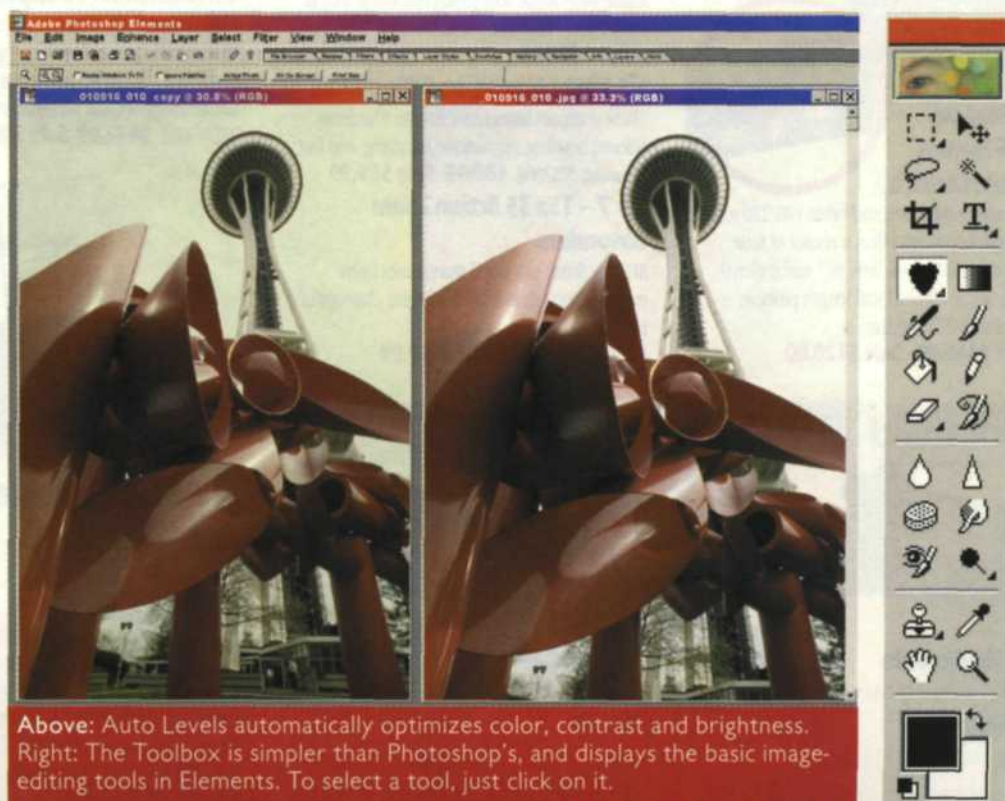
For years, professional photographers have enjoyed the endless editing capabilities of Adobe Photoshop. Due to the program's sophistication, it can be a bit overwhelming to new and even advanced photographers just trying to edit their digital camera images. Adobe's first solution was a lite version of Adobe Photoshop with some disabled functions, but it still had the look and feel of a professional program. So, Adobe decided to take a new approach with Adobe Elements. The program has the same power of Adobe Photoshop, but with a friendlier interface.

The biggest difference in the two programs is the tab pulldown menu at the top of the Elements screen. Normally, the various palettes in Photoshop are found floating on the main edit screen and you can hide or move them as you edit your image. In Elements, these palettes are grouped at the top of the editing screen in folder tabs. This keeps your editing screen cleaner, but still allows fast access to the various editing functions. Let's take a look at the various palettes features.

Starting from left to right we find the File Browser, which is a great little tool for finding pictures. When you select the

directory for your pictures, the images will all appear in thumbnail form on your screen. Simply select the one you want to edit and drag it onto your editing screen. When you are finished, save it out and the changes are reflected as a new thumbnail in the File Browser.

The Recipes tab is a digital cookbook that gives you step-



Above: Auto Levels automatically optimizes color, contrast and brightness. **Right:** The Toolbox is simpler than Photoshop's, and displays the basic image-editing tools in Elements. To select a tool, just click on it.

(Continued on page 19)

by-step instructions on making basic photo corrections. If you have a complicated procedure and want to repeat it later, you can add your own recipes to the list.

When the Elements program first starts, it will collect all the filters and effects and then categorize them under the Filters or Effects tabs. It shows the various locations for each function and creates a large thumbnail sample display. It is then simple to select the filter or effect you desire, and drag it onto the image you are editing.

The Layer Styles tab groups the different types of styles into bevels, shadows, glows, complex, and basic effects. Select the style you want and drag it onto your image.

The Swatches tab gives you color choices for fill applications. To be sure you select the right color, you can double-click on a color and it will show you the color's name. Once you select a color from the tool box, a second color palette appears to help you fine-tune your color selection, providing you the option of millions of color variations.

The History tab keeps track of all the editing you do to a



specific photo. If you want to see what you have done, or eliminate part of your editing, you can use the History menu. It's a little like the step backward or forward functions except that you don't have to do things in sequence.

The Navigator is a quick and easy way to zoom in on a specific part of an image. You first use the zoom slider to get the proper magnification on a thumbnail image. Then use the hand to move the zoom box to the desired part of the photo and the final zoomed effect will be displayed on the main image.

The Info tab gives you direct color readout information when you move the cursor or eyedropper around the image. The information is displayed in RGB and CMYK and provides your cursor's exact x,y coordinates.

The Layers tab provides a thumbnail display of each layer in your image. You then have full editing access to a specific layer so you can apply a desired style. It is then a simple task to drag the same style to all other layers rather than one at a time.

Simply put, the Hint tab is a tutorial on the fly. It gives you answers to problems you may encounter as you edit an image. For example, if you select the Dodge tool from the toolbox and then the Hint key, it will tell you what the tool does and how it works.



The Flash Fill feature in Photoshop Elements lightens mid-tones much the way using fill-flash when taking a picture does. A comparison display lets you view before-and-after versions side-by-side for easy comparison.

The Elements toolbox itself is a slightly different configuration, but features most of Photoshop's basic tools. Some of the more-advanced editing tools have been removed to make room for new tools like the Red Eye tool. When you select a specific color, this tool swaps the color to replace the red eye. It allows various levels of tolerance and brush dynamics, so you can control the intensity of the change.

We mentioned earlier that the friendly interface with its hidden power is the crux of the Adobe Elements program. They make it easy to correct common photo problems. Flash

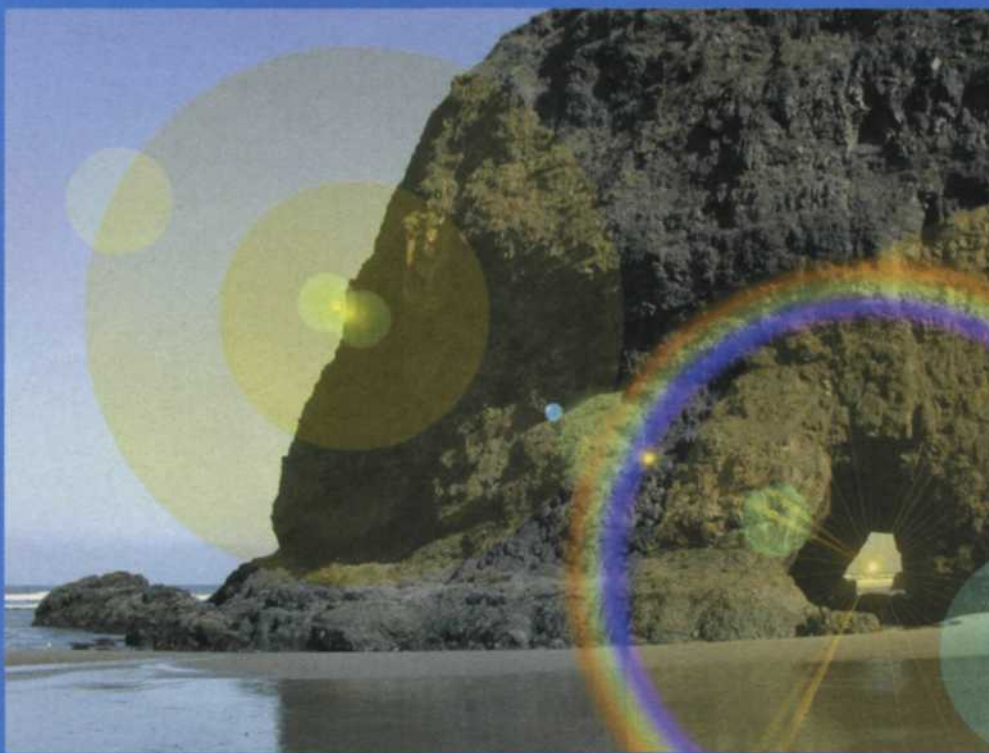
Fill will lighten the mid-tones and Adjust Backlighting will darken the images to correct for overexposure caused by the camera flash. Auto Straighten Crop helps you fix an image that has been scanned crooked. Variations provides a simple side-by-side comparison of color-correction possibilities so you can see the changes you make immediately.

If you want to add text to your photo, you can go to the toolbox and select the Text tool. Click your cursor at the position where you want the text and up pops a text menu at the top of the screen. You can adjust the font style, size, justification and color. Type the text, and then add special effects from the styles menu. Adobe Elements makes it really easy.

You can also merge several photos into one image using the new function called Photomerge. When you open this function, it will ask you to specify your panorama sections so they can be merged to form a panorama. In order for the function to work smoothly, you need to provide images that contain data overlap of about 30-40%. The program can automatically align all the pieces into one panorama, or you can manually drop each segment close to the alignment spot and Elements will then fine-tune the alignment to produce a panoramic image.

Adobe Elements also makes it easy to prepare your images for the Web, E-mail and print output. The Save for Web command allows you to optimize graphics and even produce your own Web pages with the Web Photo Gallery. With their Picture Package you can print multiple copies of a photo on a single sheet of paper or even create a contact sheet and vary the size of the images.

Adobe Elements works with Windows 98/Windows98 Second Edition/Windows ME/Windows 2000/Windows NT 4.0 or Macintosh OS 8.6, 9.0, 9.0.4 and 9.1. For further information regarding



Left: The Lens Flare feature instantly adds a flare effect to any image.

Below: Photomerge allows you to combine a series of shots of a scene into a long, thin panoramic image, automatically aligning all the pieces for you.



ADORAMA INC.

THE PHOTOGRAPHY PEOPLE

42 West 18th Street
(Bet. 5th & 6th Ave.)
New York, N.Y. 10011
Email: info@adorama.com
www.adorama.com

NIKON F100

- Dynamic Autofocus knows where the subject is.
- Mirror Balancer for vibration free shooting.
- 3D Color Matrix Meter
- 5 Area Cross Array Autofocus System
- Versatility: 24 Built-in Custom Settings
- Photo Secretary for F5 Incorporates 17 additional Custom Settings



Call

AF SLR CAMERAS

F5 USA **Call** New N80 USA **Call**
F100 USA **Call** \$50 MFR. Rebate on N80D
N90S USA **Call** New N65 USA **Call**

Nikon

USA = Warranted by Nikon USA

NIKON N80

\$50.00 Rebate
Exp. 12/31/01

- Fast and Intelligent AF Performance:
- Focus Tracking with Lock-On
- Five Full Coverage AF Sensors:
- New Vari-Brite AF Sensor System:
- Exclusive - On Demand Composition Assist Focusing Screen:
- Comprehensive Light Metering System



Call

NIKON N65

- General Purpose Program for simple point and shoot operation
- Comprehensive exposure modes
- 6 segment, 3D Matrix Metering
- Powerful 28mm built-in speedlight
- Fast AF system
- Exposure compensation & auto bracketing



Call

MANUAL SLR CAMERAS

FM2 Chrome 399.95 FM2 Black 434.95
New FM-3A **Call** FE-10 w/35-70 & CS 259.95
FM-10 w/35-70 219.95 FM-10 Outfit USA **Call**

NIKON LENSES

D & S TYPE AF NIKKOR LENSES
All AF Nikkor lenses work effectively with the Nikon's 8-segment light meter and 5-segment TTL flash system. The AF Nikkor D-type lenses, in addition to all the features of an AF Nikkor, also incorporate a "Distance Encoder."
S-the latest silent wave motor with it's faster and quieter focusing system.

Nikon USA Rebates
Exp. 12/31/01

* Prices are after rebate



NIKON AF LENSES

	Gray	USA		Gray	USA
New 14/2.8 "D"	1229.95	1399.95	New 600/4 EDIF AF-S II	Call	
16/2.8 "D"	589.95	748.95	17-35/2.8 AF-S	1299.95	
18/2.8 "D"	959.95	1279.95	18-35/3.3-4.5 EDIF AF-D	409.95	*439.95
20/2.8 "D"	389.95	*429.95	24-85/2.8-4 IF AF-D	474.95	*489.95
24/2.8 "D"	269.95	*264.95	24-120/3.5-5.6	429.95	*449.95
28/2.8 "D"	184.95	*194.95	28-70/2.8 AF-S	1299.95	Call
28/1.4 "D"	1399.95	1659.95	28-80/3.5-5.6 D	89.95	104.95
35/2 "D"	239.95	299.95	28-80/3.5-5.6 "G"		*84.95
50/1.8	89.95	93.95	28-105 "D"	269.95	*279.95
50/1.4 "D"	234.95	264.95	28-200/3.5-5.6 AF-D	429.95	*449.95
60/2.8 "D"	309.95	*339.95	35-70/2.8 D	524.95	*599.95
85/1.8 D	309.95	*344.95	70-180 D	649.95	*919.95
85/1.4 D	799.95	999.95	70-300/4.5 AF-D	269.95	*264.95
105/2 "D"	739.95	899.95	New 70-300/4.5 "G"	99.	129.95
105/2.8 Mac D	524.95	*579.95	80-200/2.8 AF-S		Call
135/2 DC "D"	849.95	1049.95	80-200/2.8 w/1. Tripod Brkt	789.95	*799.95
180/2.8 EDIF D	599.95	734.95	80-400/4.5-5.6 AF-DVR	Call	Call
200/4 Mac D	1084.95	1324.95	TC14 E	299.95	
New 300/4 ED AF-S	899.95	*1049.95	New TC14 E II	359.95	419.95
New 300/2.8 IF AF-S II	Call	Call	New TC20 E II	409.95	439.95
New 400/2.8 EDIF AF-S II	Call	Call			
New 500/4 EDIF AF-S II	Call	Call			

NIKON AI-S LENSES (*Includes Case)

18/3.5	874.95	50/1.2	449.95	5008 w/Hd Flt*	799.95
20/2.8	519.95	55/2.8 Mac	299.95	70-210/4.5	119.95
24/2	579.95	85/1.4	699.95	TC 201	234.95
24/2.8	349.95	85/2.8 PC USA	1319.	TC 301	449.95
28/2.8	359.95	85/2.8 PC Gray	1049.	TC 14A	249.95
28/3.5PC*	849.95	105/2.5	329.95	TC 14B	499.95
35/1.4	659.95	105/2.8 Micro	549.95		
New 45/2.8P	319.95	PN-11 Tube	96.95		

NIKON FILTERS

Nikon Filter	39	52	58	62	72	77	82
L37C (UV)	22.95	23.95		33.95	54.95	62.95	84.95
L18C (Skylar)	24.95	25.95		38.95	57.95		
Cic. Polar		64.95		94.95	124.95	144.95	
Color Filters	24.95	23.95		34.95	44.95	59.95	
ND	32.95	21.95			54.95		
Close Up		29.95		44.95			
Soft Focus		56.95		79.95	99.95		
Neutral Clear	26.50	31.95	33.95	44.95	79.95	89.95	
L37C (UV) 122mm	129.95						

FILTER ACCESSORIES

UR-1 67-72 Adapter	15.95
HN-12 Hood for 52 Pol	24.95
AF-1 52mm Gel Holder	37.95
HN-26 Hood for 62 Pol	32.95
AF-2 72mm Gel Holder	59.95
HN-13 Hood for 72 Pol	29.95
HN-29 Hood for 77 Pol	34.50
CA-1 52mm Filter Pouch	19.95

NIKON GEAR DRIVEN

39 and 52mm Drop-in Polarizer Filters
39mm - 209.95
52mm - 239.95

Some prices based on Parallel Import Products

NIKON HOODS

HN-1, 2, 3, 9, 25,	14.95
HN-22, 23	21.95
HS 7, 9,	23.95
HR-1	12.95
HR-2	12.95
HK-14,	31.95
HB-1, 3, 4, 5, 6,	16.95
HB-7	29.95
HB-8	28.95

NIKON VIDEOTAPES
Available for: FS, N90S, F100, SB28, SB28DX & Master Series
ea. 24.95

MOTORS & ACCESSORIES

MD-12	309.95	AH-3	29.95
MC-10	39.95	MC-12	49.95
MC-20	89.95	MC-21	58.95
MC-22	49.95	MC-25	59.95
ML-3	139.95	MR-3	34.95

KENKO

AF EXT. TUBES

AF Ext. Tube 12mm	59.95
AF Ext. Tube 25mm	69.00
AF Auto Ext. Tube Set	149.00

NIKON FLASHES & ACCESSORIES

SB16A	299.95	SB16B	284.95
SB-22S	114.95	SB23	94.95
SB27	174.95	SB28	Call
New SB-50 DX	Call		
SB-29 Ring Light	349.95		
SK-6	239.95	SD-8A	114.95
UR-3	24.95	AS-1	27.95
AS-4, 5	29.95	AS-6	44.95
AS-10, 11	39.95	AS-15	18.95
AS-17	119.95	SC-14	56.95
SC-15	19.95	SC-17	54.95
SC-18	29.95	SC-19	39.95
SC-24	59.95		

Voigtlander



ADORAMA LENSES F/VOIGTLANDER

21/2.8 w/Viewfinder	574.95
28/3.5 w/Viewfinder	399.95



G SYSTEM

New G2 AF W/ 45/2 & TLA 200Only	1399.00
---------------------------------	---------

'G' LENSES

16/8	2600	21/2.8	1149.
28/2.8	449	35/2	399
45/2	349	90/2.8	449
35-70 3.5-5.6	899		
TLA 200	299		

AUTOFOCUS COMPACTS

T*X APS	699.00
T-3 Silver	Call
New T-3 Black	Call
T*V Zoom III	Call

MM LENSES

28/2.8	Call	50/1.7	165.00
50/1.4	275.00	28/8.5	Call
28-70 3.5-4.5	Call		
TLA-280 Flash	199.95		
TLA-360	464.95		

'100 Rebate on G Series Lenses

* Prices Based on Effective cost After MFR Rebate (Exp. 12/31/01)

NEW N-1 AF SLR SYSTEM

N-1 Body	1299.00
50/1.4 AF	599.00
100/2.8 Macro AF	1649.00
24-85/3.5-4.5 AF	1199.00
70-300/4.5-5.6 AF	1499.00

SLR'S

AX AF	1299.00		
Aria	Call		
RX Focus Assist.	1099.00	Call	



The Underpainting Artistic Filter makes it easy to turn a photo (top) into a painting-like image (bottom).

Elements, check out Adobe's Web site at www.adobe.com. We have been using Photoshop for years, and were quite surprised at the quality of Adobe Elements. We found it faster than Photoshop and easy to use. The friendly menus and powerful potential of Adobe editing make Elements a perfect companion for the new digital photographer. Best of you can get all this for under a hundred bucks! ■

Leica



M6 RANGEFINDER SYSTEM

MFR. Rebates
\$200 Cash Rebate all M&R Cameras & Lenses

M6 0.72 TTL	*1795.00
M6 0.85 TTL High Mag.	*1795.00
New M6 0.58	*1795.00
New Motor Drive M.	649.00
O-Series w/50mm	1995.00

ADORAMA WIDE ANGLE LENSES f/LEICA M

High quality lenses for the Leica M series cameras at an economical price. These Lenses include an adapter (Leica M & will also fit the Nikon, Canon & Minolta Screw mount Camera.

Angular Field:	75 Degrees	21 f/2.8	91.6 Degrees
Shortest Distance:	1.0 Meter	21 f/2.8	1.0 Meter
Filter Size:	43mm Screw in	21 f/2.8	58mm Screw in
Dimensions:	51mm DIA. x 29mm	21 f/2.8	65mm DIA. x 49.7mm
Weight:	140 Grams	21 f/2.8	233 Grams
Included:	399.95	21 f/2.8	574.95

MINILUX 35-70 ZOOM

C-1 (38-105mm) Zoom.	399.00
Minilux	649.00
Z-2X	279.00
C-11 APS (23-70mm)	199.00

SPECIAL ON DEMO (LIKE NEW)

24/2.8 - M Asp.	1499.
-----------------	-------