

# WILSONWERKS ARCHIVES

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# KONICA HEXANON LENSES

| LENS                        | ANGLE OF VIEW | LENS CONSTRUCTION      | CLOSEST DISTANCE  | FILTER              | WEIGHT                 |
|-----------------------------|---------------|------------------------|-------------------|---------------------|------------------------|
| 15mm f/2.8                  | 180°          | 6-group<br>9-element   | 0.15m<br>(6")     | built-in            | 400g<br>(14ozs)        |
| 21mm f/4                    | 90°           | 7-group<br>11-element  | 0.2m<br>(8")      | 77mm<br>screw-in    | 340g<br>(12ozs)        |
| 24mm f/2.8                  | 84°           | 8-group<br>8-element   | 0.25m<br>(10")    | 55mm<br>screw-in    | 280g<br>(10ozs)        |
| 28mm f/1.8                  | 75°           | 8-group<br>8-element   | 0.18m<br>(7")     | 55mm<br>screw-in    | 390g<br>(13-3/4 ozs)   |
| 28mm f/3.5                  | 75°           | 7-group<br>7-element   | 0.3m<br>(1ft)     | 55mm<br>screw-in    | 210g<br>(7-1/2 ozs)    |
| 35mm f/2                    | 63°           | 7-group<br>9-element   | 0.3m<br>(1ft)     | 55mm<br>screw-in    | 320g<br>(11-1/3 ozs)   |
| 35mm f/2.8                  | 63°           | 5-group<br>6-element   | 0.3m<br>(1ft)     | 55mm<br>screw-in    | 240g<br>(8-1/2 ozs)    |
| 50mm f/1.7                  | 46°           | 5-group<br>6-element   | 0.45m<br>(1.5ft)  | 55mm<br>screw-in    | 240g<br>(8-1/2 ozs)    |
| 50mm f/1.4                  | 46°           | 6-group<br>7-element   | 0.45m<br>(1.5ft)  | 55mm<br>screw-in    | 290g<br>(10-1/4 ozs)   |
| 57mm f/1.2                  | 42°           | 6-group<br>7-element   | 0.45m<br>(1.5ft)  | 62mm<br>screw-in    | 460g<br>(16-3/4 ozs)   |
| 85mm f/1.8                  | 28.5°         | 5-group<br>6-element   | 1m<br>(3ft)       | 55mm<br>screw-in    | 390g<br>(13-3/4 ozs)   |
| 100mm f/2.8                 | 24°           | 4-group<br>5-element   | 1m<br>(3ft)       | 55mm<br>screw-in    | 290g<br>(10-1/4 ozs)   |
| 135mm f/2.5                 | 18°           | 4-group<br>4-element   | 1.2m<br>(4ft)     | 62mm<br>screw-in    | 650g<br>(23ozs)        |
| 135mm f/3.2                 | 18°           | 4-group<br>5-element   | 1m<br>(3ft)       | 55mm<br>screw-in    | 390g<br>(13-3/4 ozs)   |
| 200mm f/3.5                 | 12°           | 4-group<br>5-element   | 2.5m<br>(8ft)     | 67mm<br>screw-in    | 880g<br>(31ozs)        |
| 300mm f/4.5                 | 8°            | 5-group<br>8-element   | 4m<br>(13ft)      | 72mm<br>screw-in    | 965g<br>2lbs, 2ozs     |
| 300mm f/6.3                 | 8°            | 5-group<br>9-element   | 4.5m<br>(15ft)    | 55mm<br>screw-in    | 560g<br>(19-3/4 ozs)   |
| 400mm f/4.5<br>Manual       | 6°            | 4-group<br>4-element   | 8m<br>(25ft)      | 55mm<br>behind-lens | 2,400g<br>5lbs, 5ozs   |
| 800mm f/8<br>Manual         | 3°            | 1-group<br>2-element   | 20m<br>(65ft)     | 55mm<br>behind-lens | 5,600g<br>12lbs, 6ozs  |
| 1000mm f/8<br>Folding sight | 2.5°          | 6-group<br>7-element   | 25m<br>(80ft)     | 55mm<br>behind-lens | 8,500g<br>18lbs, 12ozs |
| 35-100mm<br>f/2.8 varifocal | 63-24°        | 10-group<br>15-element | 0.3m<br>(10.6")   | 82mm<br>screw-in    | 1,100g<br>2lbs, 7ozs   |
| 45-100mm<br>f/3.5 zoom      | 52-24°        | 10-group<br>11-element | 0.35m<br>(1.2ft)  | 55mm-<br>screw-in   | 585g<br>(20-1/3 ozs)   |
| 65-135mm<br>f/4 zoom        | 36-18°        | 9-group<br>13-element  | 1.5m<br>(5ft)     | 55mm<br>screw-in    | 600g<br>(21ozs)        |
| 80-200mm<br>f/3.5 zoom      | 30-12°        | 10-group<br>17-element | 2m<br>(6ft)       | 67mm<br>screw-in    | 1,170g<br>2lbs, 9ozs   |
| 55mm f/3.5<br>macro         | 43°           | 3-group<br>4-element   | 0.25m<br>(0.82ft) | 55mm<br>screw-in    | 290g<br>(10-1/4 ozs)   |
| 105mm f/4<br>macro          | 23°           | 3-group<br>5-element   | *                 | 55mm<br>screw-in    | 230g<br>(8-1/4 ozs)    |

\* Depending on Bellows extension length. All fully automatic (AE) except where noted.

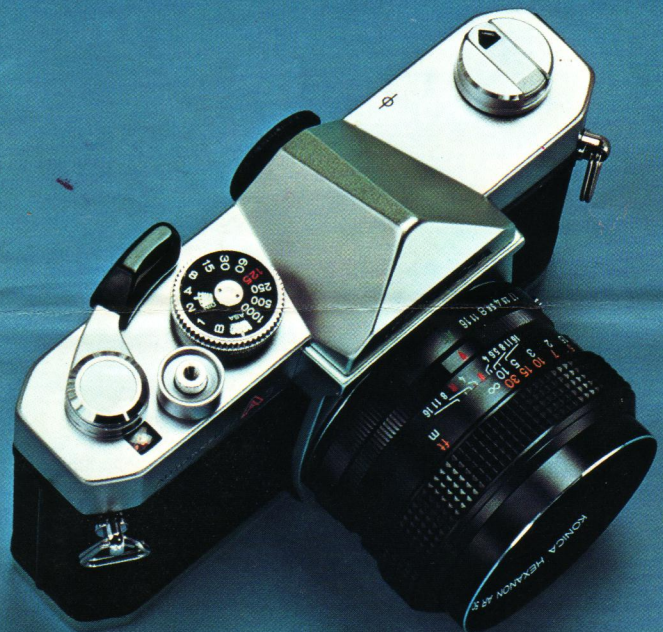
**KONICA CAMERA COMPANY**

Woodside, N.Y. 11377

Burbank, California 91502

A DIVISION OF  
**Berkey**  
Photo Inc.

**KONICA**  
AUTOREFLEX  
**A3**



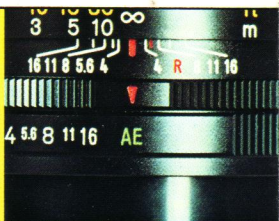
**THE WORLD'S MOST EXPERIENCED  
AUTOMATIC SINGLE LENS  
REFLEX SYSTEM**

KNII  
PRINTED  
IN  
U.S.A.

## HIGHLIGHTS:

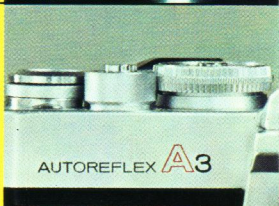
### Automatic Exposure Control

With your Konica automatic lens in 'AE' position, the meter reading is transferred to the lens—automatically selecting the correct lens opening for your shutter speed. A safety button prevents accidental shift from automatic to manual position.



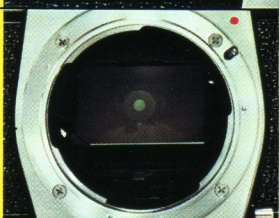
### Microtouch Shutter Release

The incredibly smooth, soft shutter release action insures sharper pictures at all times. First 1 mm travel 'memorizes' exposure reading; second 1 mm releases shutter.



### Professional Bayonet Lensmount

The fastest, most accurate way to change lenses—requires only a quick 1/6th turn. No need to align prongs, pins, dials—each Konica lens automatically 'programs' the meter for correct operation without time-consuming adjustments.



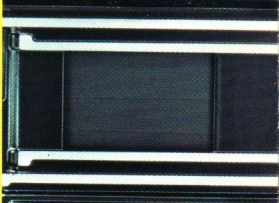
### Shutter / Film Speed Dial

Choice of 12 shutter speeds from 1 to 1/1000 second plus 'B' on a single top-mounted dial. Use films from ASA 12 to 3200 . . . with Konica, it's easy to work with the fastest or slowest films.



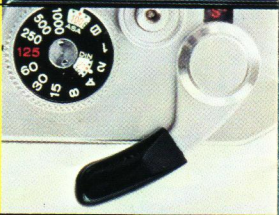
### Stainless-Steel Shutter

This rugged, reliable shutter scans the film plane vertically in just 7.5 milliseconds, letting you shoot electronic flash at a ghost-free 1/125th second. And a welcome note: the shutter functions at all speeds even without batteries!



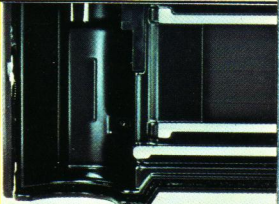
### Rapid Transport Lever

Advances film, winds the shutter, counts exposures, and prevents double exposures. The oversize plastic 'grip' and convenient offset position permit fast, eye-level operation.



### Drop-in Loading/Unloading

Unique cutaway baseplate lets you load and unload film without pulling up the rewind knob. Konica's precision cassette stabilizer and larger pressure plate assure ultimate film flatness. Loading is simple, precise, and ultra-fast!



# Konica Autoreflex System

Three basic models are offered in the system, including the Autoreflex A3 in Chrome, and the Autoreflex T3 in Chrome and Professional Black finishes. Additionally, over 100 precision Konica accessories and attachments comprise the total system, to expand the capability of your equipment to your specific requirements and applications. Ask your Konica dealer to show you the complete Konica Autoreflex System.





## KONICA A3 AUTOREFLEX

- Center-weighted thru-the-lens metering.
- Professional fully automatic exposure control.
- Total Konica system capability.
- Bayonet-mount interchangeable lenses 15mm—1000mm.

The Konica Autoreflex A3 combines the fast-handling precision of a professional single lens reflex with the advantages of fully automatic, thru-the-lens exposure control.

A new component in the proven Konica Autoreflex System, the A3 offers the same innovative, functional design and performance that has made the Konica Autoreflex the new standard of excellence in professional automatic SLR cameras. Innovations include Automatic Thru-the-Lens Exposure Control that links the automatic lens diaphragm to dual CdS meter cells; a read-out Control Center viewfinder that tells you the aperture in use—and more; the stainless-steel shutter that freezes action to 1/1000 sec. and synchs electronic flash at 1/125 sec.—twice the speed of conventional shutters; the Microtouch shutter release that “memorizes” the exposure reading and then lets you trip the shutter with an incredibly smooth, responsive action...and a host of additional features designed to make your photography faster, surer than ever before. And all this is now available in a new model, a worthy addition to the world's most experienced automatic SLR system.

## THREE-WAY EXPOSURE CONTROL

### Fully Automatic

Enjoy the creative freedom of *fully automatic* exposure control with more than 23 Konica Hexanon automatic lenses, from 15mm to 300mm. Just focus . . . and shoot! Konica's thru-the-lens meter measures the light and sets the correct lens aperture instantly, automatically. And *you* control the shutter speed at all times—a decisive advantage in action photography. No needles to match, no resetting when you switch lenses.

### Semi-Automatic

Your Konica's sensitive thru-the-lens meter makes perfect exposures simple, even with non-automatic lenses or accessories. Just line up the indicator needle that's shown in the viewfinder . . . and shoot! This is the highest degree of controlled automation yet achieved in many SLR's, and represents yet another aspect of Konica systems flexibility.

### Full Manual

For special effects, such as deliberate under-or-over exposure, Konica Autoreflex A3 lets you switch to full manual control at any time. So you can use any shutter speed, any lens opening, or any combination—the choice is yours, with Konica.

### Exposure 'Memory' Control

Just aim at your subject, press the release halfway down, and the exposure is “locked in”. This lets you choose another angle, focus, and frame—without altering the automatically-set exposure. Invaluable for spotlight or backlit subjects.

## VARI-ANGLE METERING AUTOMATICALLY ADJUSTS TO MATCH THE OPTICAL CHARACTERISTICS OF YOUR KONICA LENS



Light measurement area for Konica 21mm Lens



Light measurement area for Konica 50mm Lens

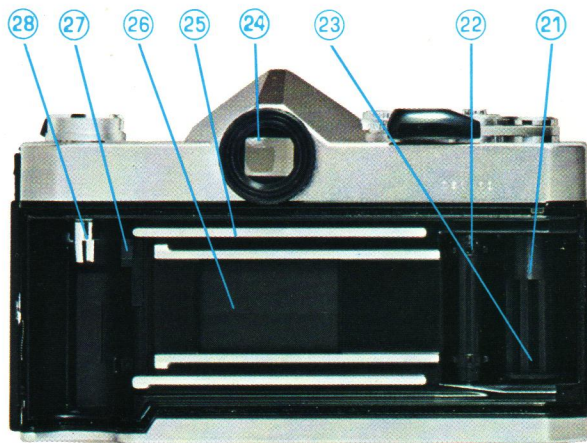
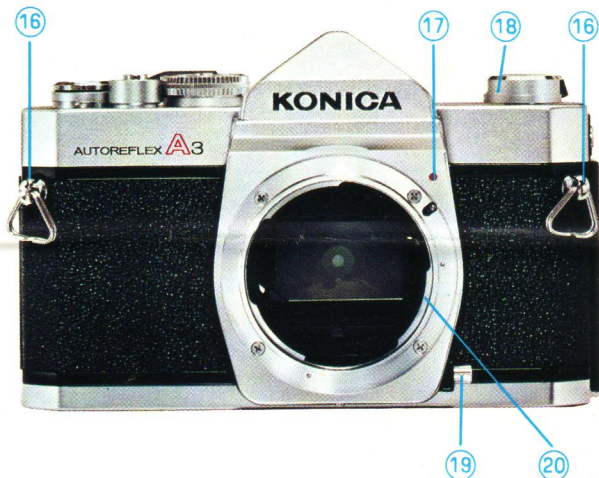
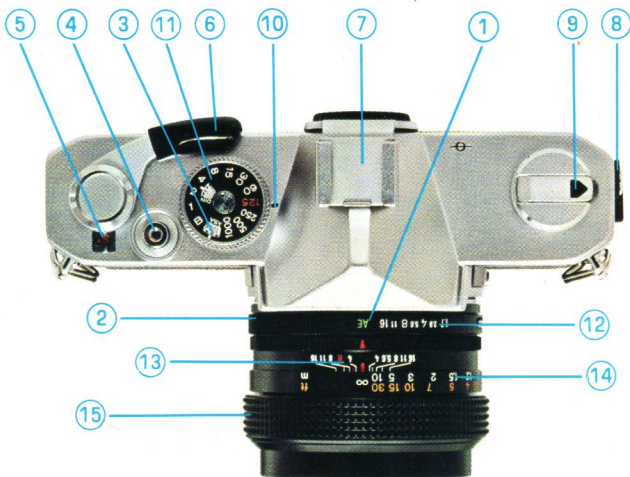


Light measurement area for Konica 300mm Lens

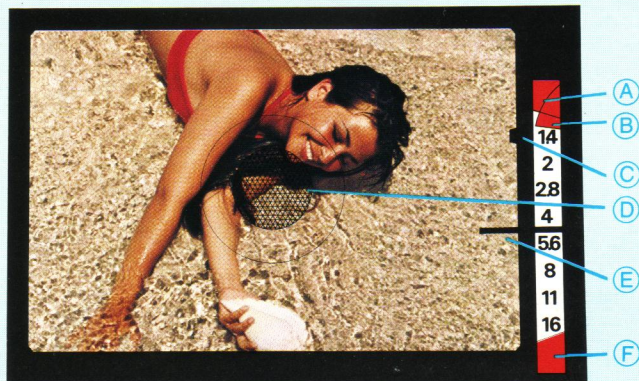
Konica's unique thru-the-lens metering system combines the reading of the two CdS cells, to “weight” the measurement of a central image area. This area is selected, automatically, to conform with the viewing angle of the lens in use, to optimize exposure accuracy with each lens. Another meaningful advantage of the Konica Autoreflex System!

## COLOR DYNAMIC LENS COATINGS

A new dimension in coating is innovated by Konica, with multi-micron coatings that increase light transmission and virtually eliminate flare and ghost images. The coating hues vary to match the chromatic characteristics of the different glasses used in each lens formulation.



## KONICA'S CONTROL CENTER VIEWFINDER



- A. Underexposure warning signal
- B. Maximum aperture indicator for the lens in use
- C. Match-needle index point for use with non-automatic lenses
- D. Microdiaphragm focusing screen, surrounded by fine ground glass within overall fresnel viewing screen
- E. Correct aperture indicator
- F. Overexposure warning signal

- 1. Automatic exposure control (AE) mark
- 2. Aperture ring
- 3. ASA/Din film speed indicator
- 4. Microtouch shutter release
- 5. Exposure counter
- 6. Film transport lever
- 7. Accessory flash shoe
- 8. X synch outlet
- 9. Film wind indicator
- 10. Shutter speed index mark
- 11. Shutter speed dial
- 12. Aperture scale
- 13. Depth-of-field scale
- 14. Distance scale
- 15. Focusing ring
- 16. Stainless-steel reinforced strap eyelets
- 17. Lens mount index mark
- 18. Film rewind knob
- 19. Lens release safety button
- 20. Konica bayonet lens mount
- 21. Insta-grip take-up spool
- 22. Film sprocket drive
- 23. Insta-grip take-up slots
- 24. Eyepiece
- 25. Precision film guide rails
- 26. Vertical travel shutter
- 27. Film cassette stabilizer
- 28. Film rewind spindle

SAKURA