

## **Planar T\* 1,4/50 – The Autofocus Standard Lens for the Contax N 1**

The fastest lens for the new Contax N1 autofocus SLR, introduced at photokina 2000, is the Planar T\* 1,4/50.

It offers the proven optic which American "Popular Photography" in their February 1999 issue found to be the best 1,4/50 lens in any 35 mm SLR system, as the result of a large benchmark test. The Planar T\* 1,4/50 incorporates special high refractive glass types to achieve remarkable performance even when used wide open. In tests conducted at the Zeiss applications labs the Planar T\* 1,4/50 was capable to resolve 200 linepairs per millimeter on film (Agfapan APX 25, and Kodak Ektar 25 Professional).

The Planar T\* 1,4/50 also qualifies for the smallest and lightest lens available for the Contax N1. It is particularly recommended as an all-purpose lens, for documentation, available-light-photography, travel, editorial, interiors without flash.

## **Vario-Sonnar T\* 3,5–4,5/24–85 The General-Purpose Zoom Lens for the new Contax N 1**

This compact autofocus zoom lens has the potential to become the best-seller among the optics for the new Contax N1. It includes the focal lengths most used in today's 35 mm SLR photography, even wide angles up to 84 degrees. The smallest object size is about half a page of Camera Lens News, minimum object distance is 31 centimeters. Many Contax N1 users will find that this lens can handle up to 90% of their photo tasks.

The optical formula includes 14 elements in 12 groups. Two of the elements are made of fluor-crown

glass with anomalous partial dispersion. Also, two aspherical surfaces are used. Special care has been taken to control stray light exceptionally well.

The diameter is 87 mm, length is 96 to 125 mm depending on zoom setting. The lens weighs 610 grams. Filter thread is 82 mm wide, non-rotating, to enable the use of high quality optical filters, even a combination of two, completely without vignetting. An additional lens shade can be attached per bayonet mount.

## **Vario-Sonnar T\* 4–5,6/70–300 Tele-Zoom for the new Contax N 1**

This rather compact autofocus zoom lens has been designed to handle most of the day-to-day telephoto motifs Contax N1 users might face. It is the ideal telephoto complement for the more wide angle oriented Vario-Sonnar T\* 3,5–4,5/24–85. The zoom range of the Vario-Sonnar T\* 4–5,6/70–300 includes all focal lengths that can normally deliver good results without a tripod. The optical and mechanical design provides high performance with quite a small carrying /packing size of 88 mm diameter, 153 mm long, weighing 1.09 kg. The filter thread is 72 mm, non-rotating. A lens shade can be attached per bayonet mount.

Applied for macro photography the Vario-Sonnar T\* 4–5,6/70–300 covers an object the size of a post-card (approximately 1: 4). Even at this magnification the image quality is remarkably good. To achieve its high performance the optical formula includes 16 elements in 11 groups. Fluor-crown glass with anomalous partial dispersion is also used.

Special care has been taken to control stray light exceptionally well.



Thus, the Vario-Sonnar T\* 4–5,6/70–300 can even be used for product shots, if no Makro-Planar lens is available or if the longer focal length of the zoom lens is particularly beneficial for creative reasons.

### **Makro-Planar T\* 2,8/100 – Top Class Close-ups with Contax N1**

Offering superb macro potential is a core requirement facing every serious 35 mm SLR system. Here, the Contax N1 clearly excels. With the Makro-Planar T\* 2,8/100 the Contax N1 offers what we at Zeiss believe is the best macro lens in the industry. It covers the whole focusing range from infinity to life size without the need for accessories. Today, this alone would not be particularly spectacular. But the Makro-Planar T\* 2,8/100 is equipped with an automatic correction compensation that adapts to the individual magnification setting on the lens. This keeps the optical performance on a constantly high level over the entire focusing range.

This performance level is so high that, at life size, the Makro-Planar T\* 2,8/100 excels with the image quality of a highly specialized duplicating lens like the Zeiss S-Planar 4/74. Used for slide duplicating or similar tasks the Makro-Planar T\* 2,8/100 will deliver results clearly superior to typical slide duplication equipment.

In real world photo tests the Makro-Planar T\* 2,8/100, focused at life size, resolved object structures on a microchip that were only 5 microns (1/10.000 inch) wide, and at infinity it images wires as thin as a pencil from more than 1.000 feet away.

In short: Those who want to get the maximum of image quality out of

a 35 mm frame are well advised to add the Makro-Planar T\* 2,8/100 to their optical arsenal.

### **Sony with T\* Now**

Photokina 2000 marks the beginning of a new era in Zeiss lenses for Sony: From now on all Zeiss lenses for Sony will come with T\* multi layer coating. The first Sony product to feature this advanced optical anti-reflex coating system is the DCR–PC 110, a new high-end digital camcorder with Zeiss Vario-Sonnar 1,8/4,2–42 zoom lens.

Developed by the company that invented optical coating in the first place, T\* is the most advanced multi-layer coating system in the optical marketplace. T\* is well recognised in the world of professional photography, where it contributes significantly to the brilliant images, vivid colors and accurate skin tones that have become the hallmark of professional cameras equipped with Zeiss lenses.

For the first time in the field of video this quality of T\* brilliance and color rendition becomes now available for the users of Sony high end digital still and video cameras.

### **Tele-Apotessar T\* 4/350 for Contax 645 elected "Best Medium Format Lens in 2000"**

12,678 readers of "Color Foto" elected the Zeiss Tele-Apotessar T\* 4/350 the best lens in medium format photography in the year 2000.

"Color Foto" is one of the two big monthly German photo magazines with almost 100,000 copies in print. "Color Foto" conducts an annual contest where readers can choose from a preselection of 217 products

grouped into 26 different categories "the best" photo product of the year in each category. The results of this year's contest, the largest of its kind in Europe, were announced during photokina 2000 in Cologne.

In the medium format lens category the autofocus lens Zeiss Tele-Apotessar T\* 4/350 for Contax 645 turned out clear winner gathering 35% of all votes. No. 2 in this category followed at 24%, the no. 3 collected 17%.

### **New Zeiss Cine Lenses for Arriflex**

At Cinec in Munich and photokina in Cologne Zeiss introduced four new lenses for 35 mm film:

The Planar 1,2/65 is a new addition to the Zeiss superspeed lens set. It bridges the gap between the Planar 1,2/50 and the Planar 1,2/85.

In the range of ULTRA PRIME lenses for Arriflex, Zeiss introduced 3 new lenses: Distagon 1,7/28, Distagon 1,7/40, and Sonnar 1,7/100. With these new lenses the ULTRA PRIME set now includes 12 different focal lengths ranging from 10 mm to 135 mm.

More information on these lenses and the whole program is available from [www.zeiss.de/photo](http://www.zeiss.de/photo), and Arri, Arnold & Richter, [www.arri.com](http://www.arri.com)

### **ARRICAM launched at Cinec 2000**

Cinec 2000 in Munich saw the premiere of the ARRICAM, a totally new camera system to revolutionize 35 mm film production.

Part of the system is the Arri LDS lens data system, a completely new development. Via an electrical interface in the PL mount, contact-free sensors in the lens transmit the set



values of focus, zoom, and iris to the camera. The LDS system, using the lens' iris and focus distance readings, calculates the depth of field and presents the data graphically on a separate display. Focus and other marks can be set and hit with utmost precision.

LDS lenses presented with the ARRICAM are based on Carl Zeiss ULTRA PRIME and VARIABLE PRIME lenses for Arnold & Richter (ARRI).

### **Filter Selection for the Zeiss Telephoto Power Pack expanded**

During photokina 2000 Zeiss agreed with filter manufacturers B + W and Heliopan to make the original Zeiss filter drawers available to these companies. This will enable both B + W and Heliopan to supply their wide range of filter types for use with the Zeiss Telephoto Power Pack (TPP), which includes the Zeiss Tele-Superachromat 2,8/300, the fastest telephoto lens in 6 x 6 medium format.

TPP users interested in this opportunity can contact Michael Kappler of B + W at [www.Schneider-Kreuznach.com](http://www.Schneider-Kreuznach.com) and Margot Summer of Heliopan at [www.heliopan.de](http://www.heliopan.de)

### **Family Album of the Planet Earth**

For one of the most challenging photo projects ever undertaken famous fashion and beauty photographer Uwe Ommer of Paris took four years off from commercial work to photograph two thousand families from all over the world.

The resulting photos were now shown to the public as large format prints during photokina 2000. For the photokina week 1000 prints were displayed along the one kilometer footwalk over the Hohenzollern

bridge crossing the river Rhine, leading from the Cologne Cathedral to the photokina entrance. In addition to this public showing a 576 pages book has been published at Taschen ([www.taschen.com](http://www.taschen.com)): Uwe Ommer: 1000 Families, ISBN 3-8228-6213-4.

Rollei was one of the main supporters to Ommer, who took these family portraits using Rolleiflex 6008i cameras with Planar 2,8/80, Makro-Planar 4/120, and Distagon 4/50.

More information on the family album of the planet Earth and on Uwe Ommer is available from "Rollei News", September 2000 issue, and from [www.rollei.de](http://www.rollei.de)

### **New Lenses for Rollei 6000**

As of photokina 2000 Rollei added two new EL (= Economy Line) lenses to the medium format System 6000, the Sonnar 5,6/250 HFT EL and the Tele-Tessar 8/500 HFT EL.

The Sonnar 5,6/250 is made by Rollei under license from Carl Zeiss. The optical system is identical to the one of the already existing Sonnar 5,6/250 HFT PQS. The Tele-Tessar 8/500 HFT EL is an internal focusing design with 5 elements in 3 groups. It is assembled by Rollei in Braunschweig using optical elements made by Carl Zeiss in Oberkochen.

For more information on these lenses please contact Rollei at [www.rollei.de](http://www.rollei.de), or [info@rollei.de](mailto:info@rollei.de).

### **New Edition of Zeiss Camera Lens "Leporello"**

Leporello is an Italian word which is used in the printing industry to name a certain folding style for printed matters. Maps are often folded this way – and so is the bi-annual poster size Zeiss camera lens list.

Zeiss has cultivated the habit to update it every photokina. The year 2000 edition of the leporello lists 139 different Zeiss lenses currently available with two more accidentally missing. Overleaf the leporello presents a "family photo" of more than 110 Zeiss lenses, many of them with their respective cameras. However, not all family members made it to the photo studio in time...

As a significant move for the new millenium the Zeiss leporello will from now on express itself in four languages instead of only three: Japanese was added to German, English, and French.

The "leporello" is available, free of charge, from [he.maier@zeiss.de](mailto:he.maier@zeiss.de)

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