

# Product Information

Color Reversal Film

# CT precisa 100

## 1. Introduction

AgfaPhoto CT precisa 100 is an ultra-high-quality, daylight-type ISO 100 color reversal film.

This film boasts the finest grain and very high sharpness among ISO 100 color reversal film. Through the application of a newly-developed technology, it attains an RMS granularity value of 8, a level that is unsurpassed by any other color reversal film in the world. In effect, it surpasses the performance expected of ISO 25 - 50 films. It also provides rich gradation, vivid color reproduction and well-controlled gradation balance, making it an excellent choice for a wide range of subject matter, from product and outdoor photography to fashion work and portraiture. Moreover, it maintains superb contrast and color balance even under push-/pull-processing conditions of minus 1/2 stop to plus 2 stops [equivalent to EI 70 to EI 400].

This film can be processed worldwide by the readily available E-6 process.

## 2. Features

### (1) Super-fine Grain

Thanks to a newly-developed technology, this film has the finest grain in the ISO 100 class, surpassing even that of conventional color reversal films in the ISO 25 - 50 range.

### (2) Vivid Color Reproduction

Designed to provide both accurate hues and high saturation, this film is capable of subtly enhanced color reproduction over the entire spectrum, from the most delicate pastels to the most brilliant primaries.

### (3) Rich Tone Reproduction

Bias-free, brilliant highlights and excellent highlight-to-shadow linearity assure smooth and natural tone reproduction over the entire density range.

### (4) Improved Reciprocity Characteristics

Highly resistant to film speed losses and color balance changes during long exposure times. Also provides consistently accurate multiple exposure performance.

### (5) Excellent Push-/Pull-processing Characteristics

Outstanding tolerance to exposure and density compensations within a -1/2 stop to +2 stop range resulting in minimal variation of color balance and gradation.

## 3. Technologies

### (1) Super-fine Sigma-Crystal Technology

This film uses a newly-developed silverhalide technology - called Super-fine Sigma-crystal Technology. This results in greatly-enhanced light absorption and utilization rates which give not only a true ISO 100 sensitivity, but also a remarkable decrease in grain size. This has brought to CT precisa extremely fine grain as well as superb reciprocity characteristics made possible by its increased sensitivity to low light conditions and extended exposure time tolerance.

### (2) Micro-grain Solubility Control Technology

In processing solutions for color reversal films, silver-halide solvents act to enhance the interlayer effect and push-processing characteristics of the film, but the same solvents also have the tendency to dissolve the super-fine silver halide grains in the emulsion, thereby deteriorating the grain structure of the film.

In CT precisa, the introduction of super-fine-grain and a newly-developed technology - Micro-grain Solubility Control Technology - prevent this phenomenon and maximize the benefits of the film's fine grain performance.

### (3) Yellow-filter Dye Technology

A newly-developed yellow filter dye is used in CT precisa to replace the conventional yellow colloidal silver in the yellow filter layer (positioned under the blue-sensitive layer). This new yellow filter dye has sharper spectral characteristics and enables easier control of the development of the blue-sensitive layer. The results are superb color temperature tolerance and greater color balance stability during push-processing.

### (4) Advanced Emulsion Aging Stability Technology

With the introduction of newly developed additives that promote emulsion stability, CT precisa will exhibit excellent long term storage characteristics with minimal color balance and sensitivity changes.

## 4. Specifications

Item	Code	Type	Speed	Process	Size and Packaging
AgfaPhoto CT precisa 100	R 100	Daylight	ISO 100	E-6	135 ..... 36-exp. (Single Film)

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