

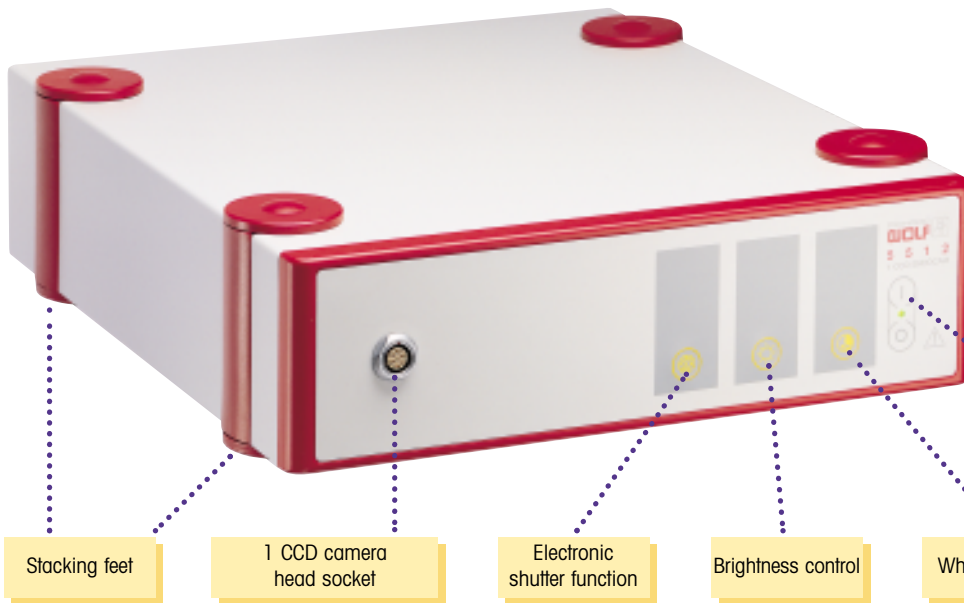


*With R. Wolf DIP technology
- unique worldwide*

1 CCD ENDOCAM 5512

Digital signal processing with DIP • Maximum sensitivity and brilliance • Compact modern design • One camera for every situation and no need to compromise

ENDOCAM 5512



R. Wolf DIP-Technology

Dynamic
Image
Processing

Stacking feet

1 CCD camera head socket

Electronic shutter function

Brightness control

White balance

Power supply button

With this innovative camera system from the R. WOLF ENDOCAM series, we have once again forged ahead in 1 CCD technology.

Continuous development based on years of know-how and the worldwide success of our digital 1 CCD ENDOCAM systems led to the R. WOLF DIP technology - setting new standards in digital signal processing.

The result:

A superb endoscopic image with rich contrast. Even in difficult lighting conditions, the innovative technology guarantees constant image quality.

The compact and ergonomic design and user-friendly controls make the 1 CCD ENDOCAM 5512 the ideal camera system for the office and outpatient applications while meeting every requirement in a hospital setting.

1 CCD ENDOCAM Controller 5512

□ DIP-Technology

(Dynamic Image Processing) - continuous control of

- Contrast enhancement
- Signal-to-noise ratio
- Auto gain

for brilliant pictures in all lighting conditions.

□ Automatic Colour Correction with Memory Function

- Adaptation to colour temperatures of halogen, metal vapour and xenon light sources
- Natural colours on the monitor
- No white balance is necessary when using the same endoscopic equipment

□ Automatic Electronic Shutter Control

- For optimised brightness of the endoscopic picture with all known light sources

□ Fixed Shutter Mode with Video Control Signal

- For control of self-regulating high-performance light sources (such as the R. WOLF LP 5123 and LP 5131)

□ Soft Touch - "Easy clean" Front Control Panel

- Clear layout and easy operation
- Memory function for individual settings
- Simple to clean and maintain hygiene in daily use

□ EMC – Limit Class B

For unrestricted application

The combination of these features underlines the universal technology of this camera.

1 CCD Camera Head 5512

The latest manufacturing techniques ensure maximum performance and a long working life - the front window of the sensor, for example, is welded using laser technology.

Highly Sensitive 1/2" Sensor Technology

- 1.5 fold sensitivity compared with conventional sensors
- Brilliant brightness and contrast even with extremely thin endoscopes
- Real value for money

Original C-Mount Dimensions

allowing universal application and simple adaptation to operating microscopes

Smaller, Lighter Camera Head with Dual-purpose Remote Control Button

- Ergonomic, relaxed handling
- Basic camera functions can be selected from within the sterile area
- Control of peripherals (printer, video recorder) possible with "Remote Output"
- This allows remote control without the need to rely on other staff

Wide Range of Cleaning and Processing Methods

- Suitable for sterilis and sterad
- Gas sterilisable
- Immersible in disinfectant solution

As an alternative, we recommend the use of a sterile cover.

CF Isolation

for safety of medical equipment

1 CCD ENDOCAM 5512

Comprising:

Camera controller (5512.101/.701), camera head with C-mount (5512.901/.961), BNC video cable, 3 m long (103.13), shielded S-VHS cable, 2 m long (103.501), remote control cable, 1.5 m long (5502.991) and power supply cable (2440.03)

Colour system:

PAL 5512.001
NTSC 5512.601

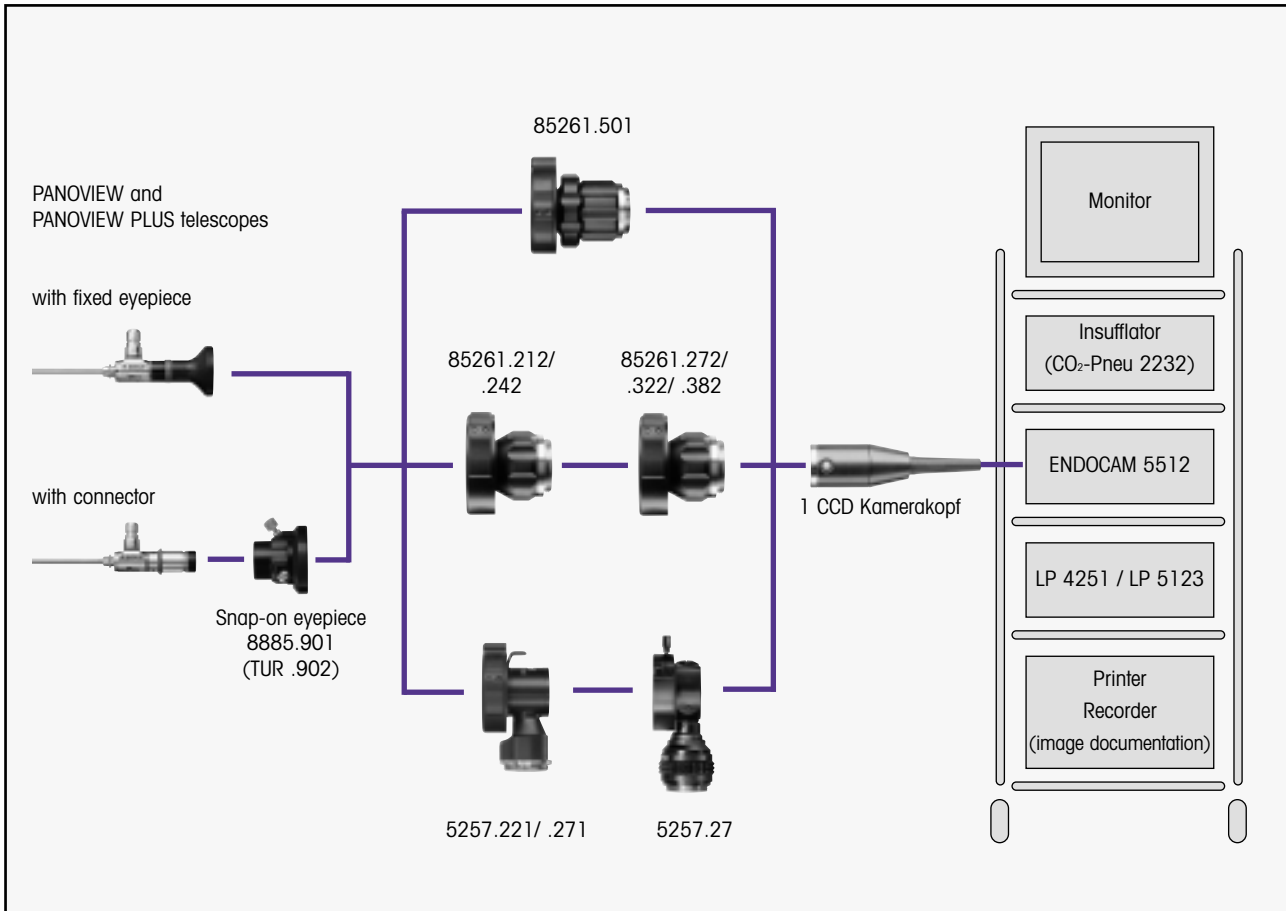


Magnet operated objective with triplet lens system

Control button

ENDOCAM 5512

System Overview



Technical Specifications:		
Standards		CE to MDD 93/42/EWG, class 1, rule 12, IEC 601-1, UL 2601-1, CSA 22.2 No. 601.1
Light sensitivity		2 Lux (f 1.4)
Horizontal resolution		470 TV lines
Classification		CF
Power supply		100 - 230 V a.c., 50 Hz
Dimensions	Controller (W x H x D)	320 x 90 x 360 mm
	Camera head	Ø 29.5 x 67 mm
Weight	Controller	4.5 kg
	Camera head w/o cable	approx. 70 g

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