

## MULTIFUNCTION VIDEOSYSTEM

Made in Germany

## PURE COMPACTNESS & EFFICIENCY



### 238-57-50

A compact system which incorporates:

- Light source
- Camera
- Video archiving system
- Monitor
- Documentation

## PURE COMPACTNESS & EFFICIENCY

Multifunctional videosystems for all endoscopic applications.

These high compact system incorporates light source, camera, video archiving system and TFT monitor.

Our compact units combine everything needed for documentation, efficient patient diagnosis and treatment.

They are characterised by their compactness, easy handling, excellent value and attractive design.

A high sensitive, high resolution 1/3" CCD ensures high clarity and sharp detailed images for every endoscopic application.

Camera head is very small and light-weight. It can be immersed in disinfectant solution for sterilisation (using attached cap).

### ■ SILENT RUNNING LIGHT SOURCE

The integrated silent running light source features high intensity 24 Watt or 50 Watt metal halide lamp options with a very small focal spot to produce maximum light output to the light guide with Wolf connector.

### ■ CAMERA FEATURES

The camera features a high resolution SONY sensor. Camera control functions: White balance, Window, Boost, Anti-Moirée.

### ■ ARCHIVING SYSTEM

Video clips and pictures can be stored on a USB stick. The MPEG-2 file format allows high picture quality and high record time.



USB stick

### ■ RESOLUTION

TFT-Monitor 10,4" with 800 x 600 dots resolution.

### ■ MICROPHONE AND SPEAKER

Microphone connection and internal speaker for record and playback using as a stand alone unit.

### ■ CHARACTER GENERATOR

Creates on-screen-information on all video outputs by using standard PS2 keyboards (keyboard optional).

### ■ LITTLE OR NO TRAINING NEEDED

Simply push a button to capture a video or still image of what you are watching on your monitor.

## Multifunction videosystem

### Technical Data

Video System	PAL / NTSC
CCD-Sensor	: PAL 440.000 pixel 752 (H) x 582 (V) : NTSC 380.000 pixel 768 (H) x 494 (V) (Please state which required)
Video Resolution	470 TV-lines
Shutter Range	: PAL 1/50 sec - 1/100.000 sec : NTSC 1/60 sec - 1/100.000 sec
Sensitivity	0,9 Lux (f:1,4)
Video Outputs	1 x Y/C (S-Video)
Lamp	XENON metal halide short arc Lamp, 50 Watt 5.500 °K colour temperature
Light Output	Wolf
Monitor	10,4" TFT with 800 x 600 dots resolution
Archiving System	1 USB input frontside 3 USB input backside (to connect Hard Drive USB Keyboard TCP/ IP Connector)
Image Format	Capture to TIFF with lossless conversion to DICOM, DICOM True Color, JPEG, BMP, PCX color, PCX grayscale
Image Size	800 x 600 pixels
Video Format	MPEG-2, DVD-quality
Power Supply	100 VAC - 240 VAC 50 - 60 Hz
Dimensions (WxHxD)	294 x 130 x 260 mm
Weight	CCU: 6,8 kg Camera head: 65 g
Class	1
Manufactured and tested acc.	IEC 601-1 / CE EN 60601-1 93/42/ECC

### Optional accessories

Microphone  
Keyboard waterproof

### Delivery contains

Powercord  
Y/C-cable  
Double Foot Switch  
Camera head  
Control unit  
USB-Stick  
User manual

