

# VIDEOSMART



**VIDEOMED**<sup>®</sup>  
**SMART SOLUTIONS**

IMPORTANT TASKS REQUIRE  
SMART SOLUTIONS

# VIDEOSMART IMPORTANT TASKS REQUIRE SMART SOLUTIONS

VIDEOSMART is a xenon light source with embedded endoscopic camera. As a light source, a 35W (50W option) metal-halide mini xenon is used which helps reducing the size and power consumption without decrease in effectiveness.



## Convenient front panel allows to:

- Display the saved images
- Replay the recorded video
- Regulate the brightness
- Save the images
- Choose the memory module

## Capabilities of the VIDEOSMART:

- Save (freeze) up to four images that can be then displayed on the screen simultaneously or in turns
- Using integrated video processor
- Record a video up to 2 seconds
- Save the images on the PC via USB 2.0 interface (available as an option)



VIDEOSMART front panel

Applying the metal-halide allows to obtain the electric arc shorter than 1mm (ideal spot light source). The optical system allows very accurate focus and the optical efficiency (brightness) of VIDEOSMART exceeds several times that traditional non-xenon light sources.

Video camera which is added to this set is CCD 1/3" 2 lux endoscopic camera. It is compatible with C-mount couplers. When the device is connected to the front panel outlet the image processing module activates. The module is controlled with four buttons which allows to use following functions:

- Changing the video processor work mode
- Saving the image
- Displaying the saved image
- Activating the recording mode via the USB connection
- White balance adjustment
- Anti-Moiré Filter adjustment

# VIDEOSMART IMPORTANT TASKS REQUIRE SMART SOLUTIONS

VIDEOSMART can be operated by Effetha Video which is software designed for maximum usage of VIDEOSMART capabilities. This software can also switch between video otoscope Ultra Bio Cam and VIDEOSMART. This software works with Effetha Audio so it is possible to compare the data of patients from the audiometry examination. With Effetha Video it is possible to:

- Save captured pictures
- Save recorded video
- Add graphical effects (e.g. negative, blur, contrast)
- Switch devices between VIDEOSMART and Video otoscope Ultra Bio Cam
- Review saved images and videos
- Crop images



Video camera

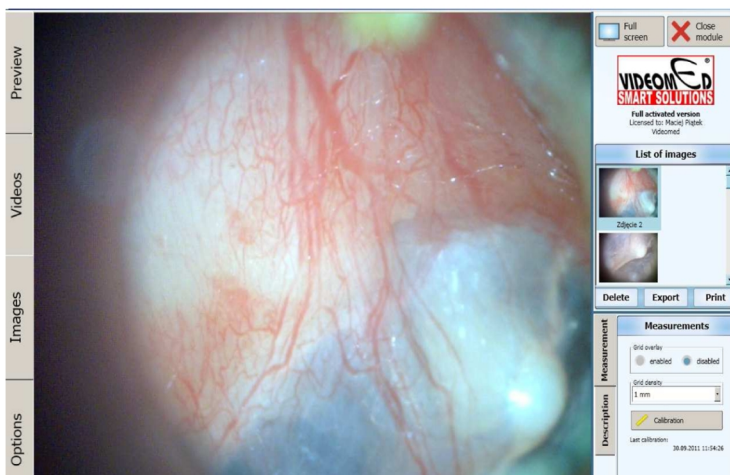
## Standard accessories:

### VIDEOSMART

- Power cable
- 100-250V / 15V Power Supplier
- Foot switch
- Video Camera with Coupler
- Operational Manual
- USB Cable

### Optional accessories:

- CD Installation
- Remote control



| Technical data:   | VIDEOSMART   |
|-------------------|--|
| Camera matrix     | 1/3"   |
| Supplying voltage | 100 V <sub>AC</sub> / 250 V <sub>AC</sub> , frequency 50 ~ 60 Hz |
| Bulb Power        | 35W (55W option)   |
| System            | NTSC, PAL  |
| Color temperature | 5 500 ~ 6 000 K (4 300 K Option)                                 |
| Shutter speed     | up to 1 / 1 000 000 sec  |
| Sensitivity       | 2 lux / focal ratio 1,4  |
| Functions         | White balance (with a button), Anti-Moiré Filter, Image Freeze   |
| Video Output      | Video coaxial, S-Video, USB                                      |
| Power consumption | max. 112,5W  |
| Weight            | 1650g  |
| Dimensions [mm]   | 210 (width) x 205 (depth) x 70 (height)                          |
| Software          | Effetha Video  |

## About us

We are polish company established in 1989. Our goal is to provide innovative and efficient solutions for hearing disorders and virtual image systems. We are Polish precursor in digital hearing aids manufacturing. With this experience we can deliver cutting edge engineering solutions that makes our products work so well and intuitive software which enables you to work with pleasure and speed.

Our team gathers people who want to create modern, functional and long-lasting products. We specialize in audiometers – those manufactured by us are functional and easy to handle.

Software which is used with our hardware is specially designed for ease of use and excellent stability.

Contact us:

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