Digital Video Colposcope

See what you have been missing before....

COLpro222DX-OZview

Specifications

COLpro222DX-OZview

Digital Video Colposcope

Image Processor	:	SONY Color CCD
Pixels	:	1,200,000
Resolution	:	> 825 lines (standard) or > 1000 with GAMMA 'ON'
E-flip & Mirror Image	:	Yes
Variable Color Contrast	:	Yes (5 steps)
Variable Light Intensity	:	Yes (5 steps)
Multigrade Green Filter	:	Yes (5 steps)
S/N Ratio	:	> 48db
Avg LED Lamp Life	:	> 20000 hrs
Color Temperature	:	7000° K
Illumination	:	High MCD Super Bright White Shadowless LED Light

Focus	:	Automatic & Manual
Focus Distance	:	20-30cm / 30-40cm
Depth of view	:	Ø 200mm - 5mm
Viewing Area	:	Ø 170mm - 10mm
Zoom	:	1-45x
Magnification Display	:	Yes
Test Timer	:	Yes
Video Outputs	:	1 x Y/C 1 x BNC composite
Safety Standard	:	Complies to IEC 60601
Remote control (optional)	:	- for operative function - for technical services
Gamma Processor	:	optional through remote
Power Supply	:	100-240 VAC, 50/60 Hz

Quality Standards:

- CE
- **EN ISO** 13485:2012
- **ISO** 13485:2003
- **EN ISO** 9001:2008
- **IEC** 60601-2
- **EMI/EMC TESTED**

COLpro222DX-OZview

Get up close and personal to the remarkable images of cervix and genital area for effective colposcopy diagnosis and treatment. A powerful combination of advanced video technologies from proMIS Medical and the feedback received from numerous gynaecologists, users and stakeholders, motivated us to introduce our newest, most advanced and unparalleled model of widely acclaimed proMIS Digital Video Colposcopes.

Key Features

Variable Light Intensity

Facility to increase or decrease light intensity to 5 different levels to observe finest changes in tissue structure.
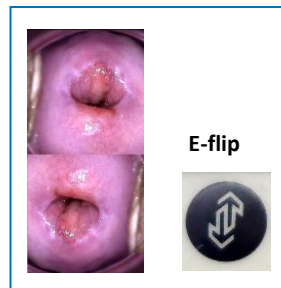
Variable Electronic Green Filter

Facility to choose from 5 different grades of Electronic Green Filter to ensure best diagnosis. The examination of cervix under different levels/grades of Green effect makes it possible to see the best vessel patterns, types and its nature. Electronic Green Filter spreads the green light on the entire cervix without any light loss.

Variable Image Colors

Facility to choose from 5 different settings of image colors to achieve best color differentiation in epithelium. A freedom to examine cervix with different magnitude of color and contrast gives a new dimension to colposcopy procedure. Here you get an image of your choice which is more eyes perceptive for best diagnostic conclusion.

E-flip & Mirror Image

Facility to change the direction of the image from left to right horizontally and from upward to downward vertically to get the view of cervix to your liking. This has been made possible by our unique E-flip and Mirror image functions which are available directly on the colposcope head.

Mirror Image

E-flip

Gamma Processor

Gamma Processor can be accessed through remote control: It assures high image quality processing for better visualization of vessels & tissue structure to provide you additional information and greater reliability.

Remote control of important functions

Facility to control important functions of the colposcope completely even from a distance saving you the effort and time without losing focus on the patient's examination area.
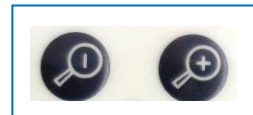

Auto Focus

Facility to focus on the object automatically. Due to the wide focus range, doctor can use long instruments for biopsy or leep or cryosurgery.

Magnification

Facility to continuously magnify images using zoom-in & zoom-out buttons to make perfect observation & take biopsy easily.

Freedom of Connectivity

Facility to connect to TV, medical grade monitor, desktop computer or laptop. Also available as a complete workstation with trolley to make you easy and comfortable. 2 video outputs can be taken on two different video monitors or computers simultaneously without any loss of signal. DV Output is optional.
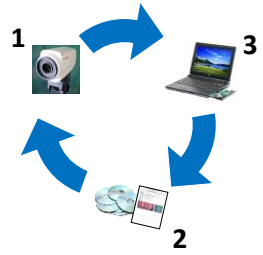
User Friendly Design

It is based on an ergonomic design. Easy to operate, can fit into any type of environment and it is built on stand that can be moved to any location as per user's discretion. Height adjustment of colposcope allows you to have best positioning for colposcopy procedure. Workstation / trolley version available.

Maintenance free Light Source

Double layer of shadowless LED light source is built in the colposcope head. This is maintenance free.
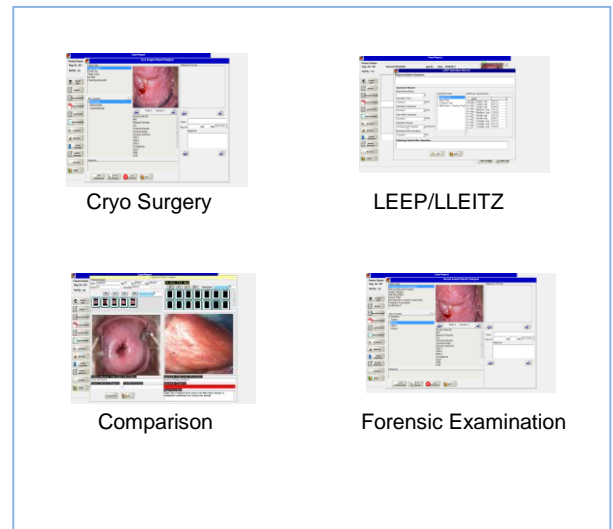
proMIS Colposcopy Image, Video & Patient Data Management Software

" Promis Colposcopy software is a powerful IT tool in the hands of our busy gynaecologists to manage not only the videos, images, clinical data and details of the patients, but also to provide them an opportunity to store, edit, burn on CD or DVD, print the detailed reports and make use of graphical data for presentation in congresses, seminars etc."

Key Features:

- **Compatible to Windows 8 / 7 (32 & 64-bit) / XP / Vista Operating Systems**

- **Upgradable with new applications in future**

- **Easy to install and maintain**

- **Password protected log-in to ensure data privacy**

- **Enormous level of live recording facility and image capturing at very high pixels simultaneously with just a click**

- **Various kinds of colposcopy video clippings, movies, images for reference and education purpose have been incorporated in the software**

- **USB Footswitch for capturing and saving images**

Cryo Surgery   LEEP/LLEITZ

Comparison   Forensic Examination

Key Applications:

Colposcopy It contains various features like......

Comparison mode with linked images: *Image library of more than 1000 images facilitates to compare the present image of the patient with the various kinds of images of different natures and disease with interpretation to arrive at a fast conclusion and diagnosis.*

Auto Analysis: *It is a perfect way to make your colposcopy procedure more precise. The generation of scores guides you to arrive at a diagnosis based on the selection of various parameters mentioned in REID evaluation.*

Statistical data representation with graph: *You can segregate the desired data pertaining to patient and types of diseases with precision, differentiation & classification.*

Multiformat 1-2-3-4 images diagnosis report: *Multiformat reports can be generated with all comments & details pertaining to colposcopy procedure. Reports can be saved as well as emailed.*

HAMMOND graph (biopsy graph): *It facilitates to mark an area according to your finding and observations found on the cervix. A biopsy place can easily be marked for further observation.*

Marking and highlighting: *Marking and highlighting of any abnormality seen on the cervix. Thus one can highlight any region of interest in report, found during colposcopy procedure.*

LEEP / LLEITZ is currently one of the most commonly used approaches to treat high grade dysplasia (CIN II/III, HGSIL) discovered on colposcopic examination. Our Software covers it comprehensively.

Cryo surgery report with all details like which gas used, thaw cycle, ice ball creation & freezing. A perfect cryo procedure under the high quality magnified vision of colposcope is now possible.

Forensic examination & sexual abuse In the setting of a forensic examination following rape, child abuse etc., it allows practitioners to identify and photograph genital injury not readily visible to the unaided eye, thereby clarifying the location and extent of injury as well as providing evidence for court proceedings. The case can be recorded, documented and photographed. Magnified images of the oral pharynx, genital and rectal areas can be obtained. Minor skin/ mucosal trauma such as abrasions, lacerations, scars, petechia, focal edema, hymenal tear and anal fissures are more easily seen with magnifications.