Digital Video Colposcope

See what you have been missing before…..

COLpro222DX-OZview

Optional Accessories

Cervical Biopsy Punch Forceps
Endocervical Speculums
Endocervical Curettes
Cervical Dilator Sets
Tissue Hook

Image Processor	:	SONY Japan Color CCD
Pixels	:	12,00,000
Resolution	:	> 825 lines (standard) or > 1000 with GAMMA 'ON'
E-flip & Mirror Image	:	Yes
Variable Color Contrast	:	Yes (5 Levels)
Variable Light Intensity	:	Yes (5 Levels)
Multigrade Green Filter	:	Yes (4 Levels)
Blue Filter	:	Yes
S/N Ratio	:	> 48db
Avg LED Lamp Life	:	> 50000 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- 55x
Magnification Display	:	Yes
Test Timer	:	Yes
Video Outputs	:	1 x Y/C 1 x BNC composite 1 x USB 2.0 (Optional)
Safety Standard	:	Complies to IEC 60601
Remote control (optional)	:	for operative function
Gamma Processor	:	through remote control
Power Supply	:	100-240 VAC, 50/60 Hz

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 technology from proMIS Medical and the feedback received from numerous gynaecologists, users and stakeholders motivated us to introduce our newest 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 4 different grades of Electronic Green Filter to ensure best examination of cervix by making it possible to see the best vessel patterns, types and its nature 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 IMAGE

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 additional information and greater reliability.

REMOTE Controlled Colposcope

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

Manual and Auto Focus

This machine focuses automatically even if the patient moves. It can be done manually as well. Due to the wide focus range, doctor can use long instruments for biopsy or leep or cryosurgery without any trouble.

Magnification

Facility to continuously magnify the object using zoom-in & zoom-out buttons to make perfect observation & take biopsy easily. Can magnify upto 55 times.

Freedom of Connectivity

Facility to connect to a TV or monitor. Desktop computer or laptop can also be connected via USB. Two video outputs can be taken on two different screens simultaneously without any loss of signal. Medical Grade Monitor and Trolley are also available on request.

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.
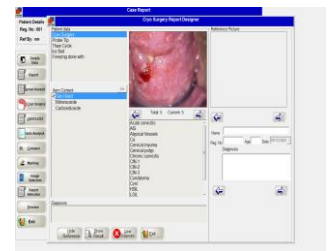
Maintenance free Light Source

Shadowless LED light source is built in the colposcope head. This is maintenance free.

pro*MIS* Image, Video & Patient Data Management Software

"This software is a powerful IT tool in the hands of busy doctors to manage not only the videos, images, clinical data and details of the patients, but also to provide them an opportunity to make use of graphical data for presentation in congresses and seminars."
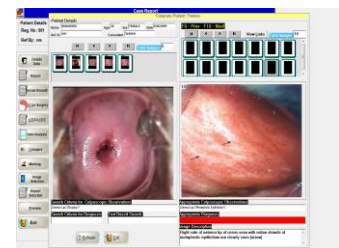
Key Features:

- Compatible to Windows 8, 7, XP, Vista Operating Systems.
- Upgradable with new applications in future.
- Easy to install and run.
- Password protected log-in to ensure data privacy.
- Enormous level of live video recording and high pixel image capturing at the same time.
- Various kinds of colposcopy videos and more than 1000 images for reference and education purpose are available.
- USB Footswitch for capturing and saving images.
- Online customer support is available via tools such as team viewer and skype.
- Comparison of current images with old images of patient.
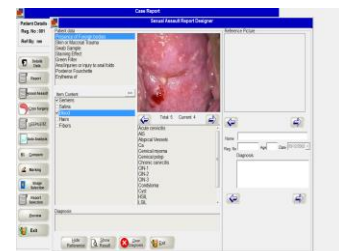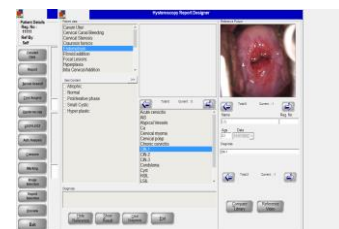- Multiformat 1-2-3-4 images diagnosis report can be printed or emailed.

Cryo Surgery

LEEP/LLEITZ

Colposcopy

Auto Analysis: It is a perfect way to make your colposcopy procedure more precise. The generation of score guides you to arrive at a diagnosis based on the selection of various parameters mentioned in REID evaluation. Further correlation to biopsy result & AgNOR count strengthen the findings of REID Index.

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

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 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 images can be captured. 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.

Hysteroscopy is a common procedure to look inside uterus in order to diagnose and treat. The users have the possibility of capturing & reporting of hysteroscopy procedure thereby enhancing the utility of promis colposcopy software to a new level.

Comparison

Forensic Examination

Hysteroscopy

INSTALL   **CAPTURE**   **SAVE**   **PRINT**