ROSEHAN
MEDICAL

WE HAVE PROVED TO THE
WORLD CLEANING AND
DISINFECTION DEVICE WITH
OUR INTELLIGENT AND
ADVENCED MEDICAL
TECHNOLOGY

1 endoCleaner 5-14

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RFID
HL7
+60°C
endoCleaner

endoCleaner endoscopy washing and disinfection device:

Disinfection process recorded....

endoCleaner endoscopy washing and disinfection device is equipped with an easy-to-use Radio Frequency Identification (RFID) management system, which automatically records scope serial and model numbers, operator ID, and time of reprocessing. This feature enables to record information about which device has been disinfected by which operator at a given time.

Disinfection and washing process with endoCleaner;

- The endoscope is placed into the basin properly.
- The basin connector is installed.
- The biopsy channel hoses, handle connector hoses and aspiration channel hoses are connected.
- The washing and disinfection process begins with the closing of the cover.
- After successful connection, the storage unit that the endoscope is placed in is filled with 10 liters of disinfectant and this liquid CONTACTS ALL CONTAMINATED AREAS IN THE BASIN.
- The disinfectant is delivered through channels with appropriate pressure and amount to enable evacuation of contaminated materials.
- The disinfection process is successfully accomplished by following rinsing and channel drying.
- The report of washing and disinfection process can be printed out and this information can be archived by sending them to medGate server.

Hygienic silicone cover seal

Easy to open and to close transparent cover

Double sided specially designed hinge

Water tap

Disinfectant tap

Endoscope channel connector

Leakage test

Touchbutton

Power key

LCD information screen

Enzymatics and alcohol tank cover

Concentrated disinfectant tank cover

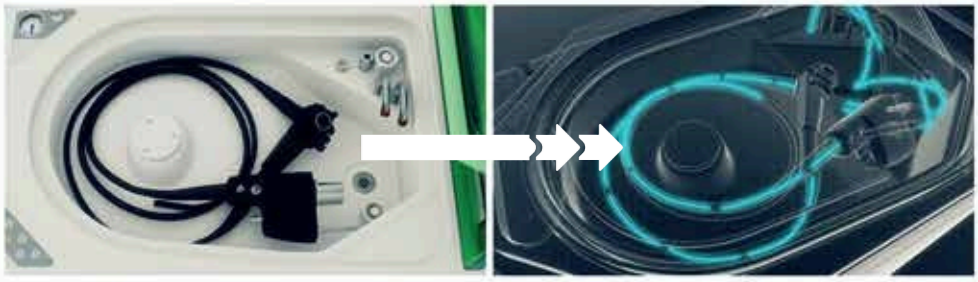
Locked caster that can roll around 360 degrees.

endoCleaner endoscopy washing and disinfection device:

System of direct sprinkling over endoscopes provides perfect cleaning with its configuration that escalates the level of mechanical cleaning over the top, without scratching the endoscopes.

AntiSediment option; reduces the cost of care and services for endoscopes with a special channel washing technology that prevents obstruction or dilate obstruction if ever present within the channels in the endoscopes. It protects both your endoscopes and as well your patients.

With the option that disinfectants of colonoscopes, gastroscopes and bronchoscopes are kept in two different tanks never mix with each other, it provides precise blockade for cross contamination.



It keeps information in its memory such as disinfection time and span of your scopes, success indicator, the operator performing the process and the scope that is disinfected related with the extent of accreditation. These information can be transferred to computers or network system in any desired method.

endoCleaner, EDTS (endoCleaner disinfection tracking system) program can be easily used in computers linked to the device for such purpose. Besides, there is a reminder for disinfection usage time and shifting. It alerts by giving written and audible messages to the user.

Leakage test connector
Concentrated enzymatic tank
Concentrated alcohol tank
Concentrated disinfectant tank
endoCleaner
AOAt
endoCleaner
AOAt

endoCleaner endoscopy washing and disinfection device:

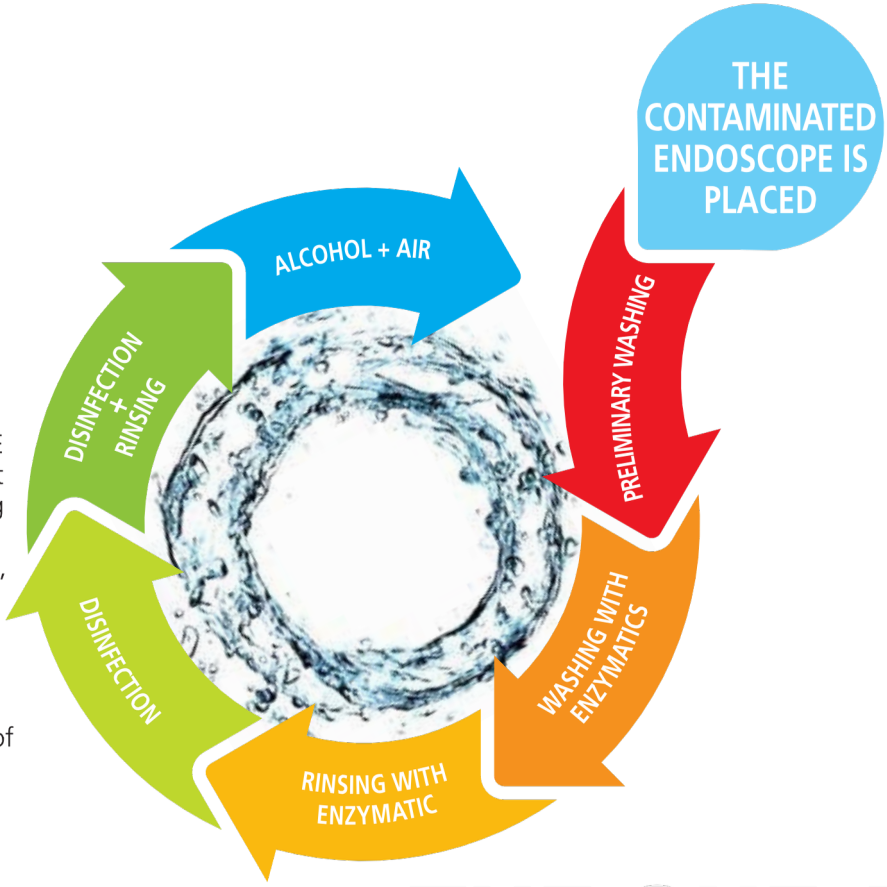
It brings water with different chemical characteristics into identical quality with its quad and quintet filter systems. Besides, it keeps away side effects resulting from chemical structure of disinfectants and particular complications in washing material at the lowest level. Thus, it prolongs the economic life of the device and eliminates chemical colorization on the device

It is a SOLID DISINFECTION DEVICE that can use any brand independent disinfectants (for automatic washing and disinfection devices), which hosts over 120 intelligent function, and that has a strong design by means of electronics and mechanics features.

With endoCleaner you can wash and disinfect flexible endoscopes of any type (gastroscope, colonoscope, duodenoscope, enteroscope, endosonography devices, bronchoscope, autofluorescence bronchoscope, etc) and of any brand (Olympus, Pentax, Fujinon, Storz, etc).

Standing out with its Eco² (Ecological-Economical) feature, endoCleaner, has the structure which is able to use water and disinfectant in its own standards. It is the ONE and ONLY endoscope washing and disinfection device in Turkey which uses the least amount of disinfectant and which leaves NO CONTAMINATED AREA in its washing basin untouched by disinfectant.

endoCleaner, improved in collaborative R&D departments of Aort Ltd. and EndoPark companies, is ready to share product and service quality with you.



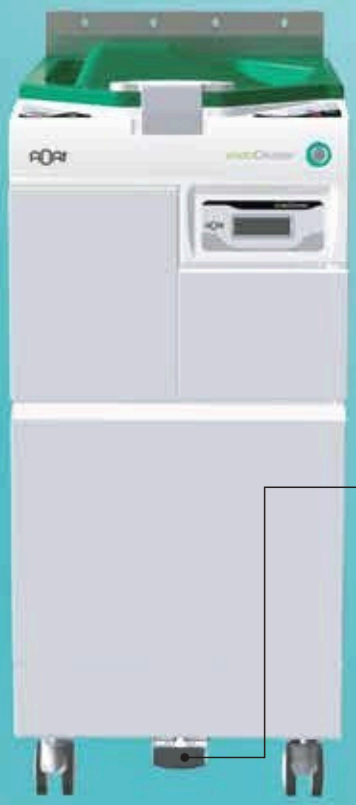
THE ONE AND ONLY ENDOSCOPE WASHING AND DISINFECTION DEVICE WITHOUT CONTAMINATED AREA

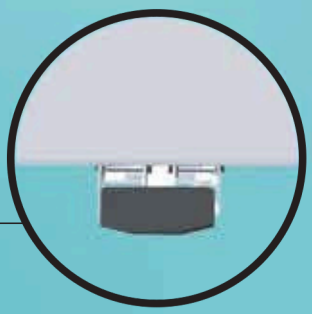
Analog Manuel
Leakage Test

Dijital Manuel
Leakage Test

Dome Keypad

Color/Touchscreen LCD display
Besides being control panel
it allows to visually follow the
washing process.





The locked basin lid can be
controlled by foot pedal, this
feature makes the device
more ensures safe washing.

endoMonitoring

endoCleaner washing and disinfection device and endoLeakage leakage test device can transmit all phases to remote monitoring stations via tablet PC and/or computer.

RFID
HL7

endoStorages endoscope drying and storage cabinet:

Full protection is our business!...

In endoStorages, which is designed for endoscope laboratories, both hygiene and aesthetics have been considered in advance. Keeping, handling and effectivity in an organized manner have all been managed in the best way.

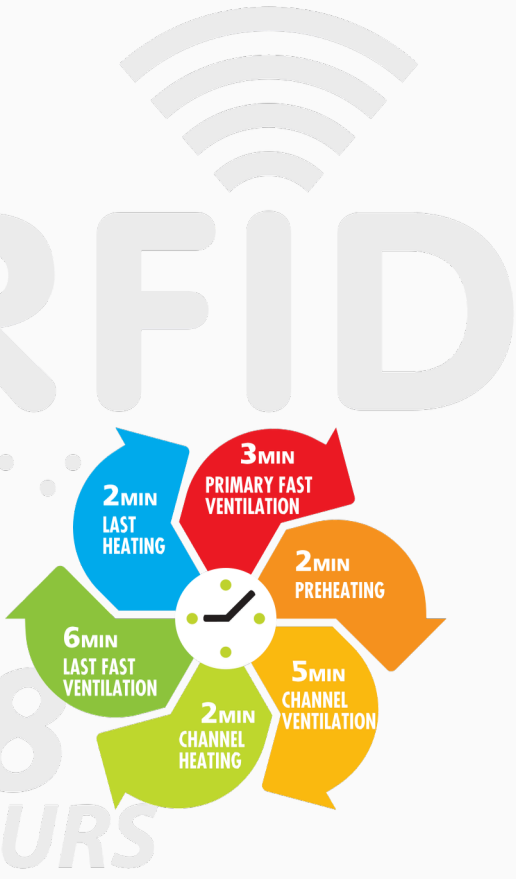
High capacity storage solutions which enable easy and rapid accessibility have been presented. The disinfected endoscopes are stored in endoStorages keeping high level disinfection conditions over 48 hours.

Easy accessibility: The scopes can be reached easily with revolving hanger system. Hanging and handling is very easy.

High capacity: The keeping capacity ranges from 3 scopes to 11 scopes in single cabinets. In double cabinets, the capacity ranges from 6 scopes to 22 scopes.

Adjustable: The hanger level heights can be adjusted on a revolving center. The connector and handle carriers are adjusted to provide the most ideal ergonomic featues.

Adaptability: It is compatible with hanger and carriers according to be produced scope types with new technologies.



endoStorages endoscope drying and storage cabinet:

Features designed as required:

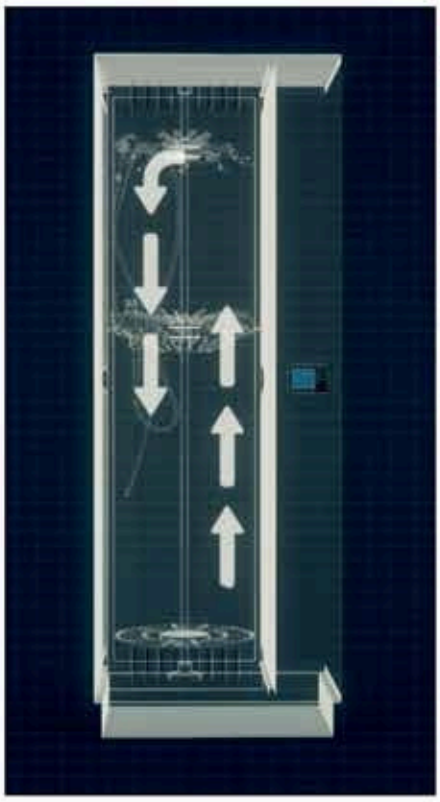
The hangers have been specifically designed. There is vinyl coating over stainless steel.

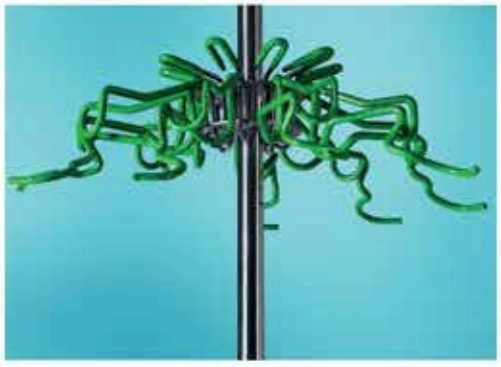
The scopes are thus protected against any damages. The hangers can be easily removed. The hangers are adaptable for new type of scopes or accordingly to their size.

The hangers at middle level have been designed to hold the connectors. Any damages of endoscopes are highly prevented.

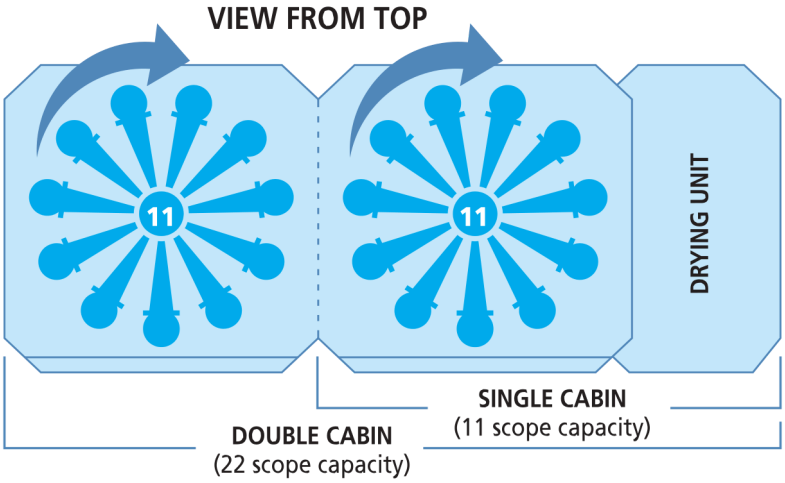
Vinyl diameter clip and pvc bumper prevents endoscopes from oscillating offering additional protection at the same time.

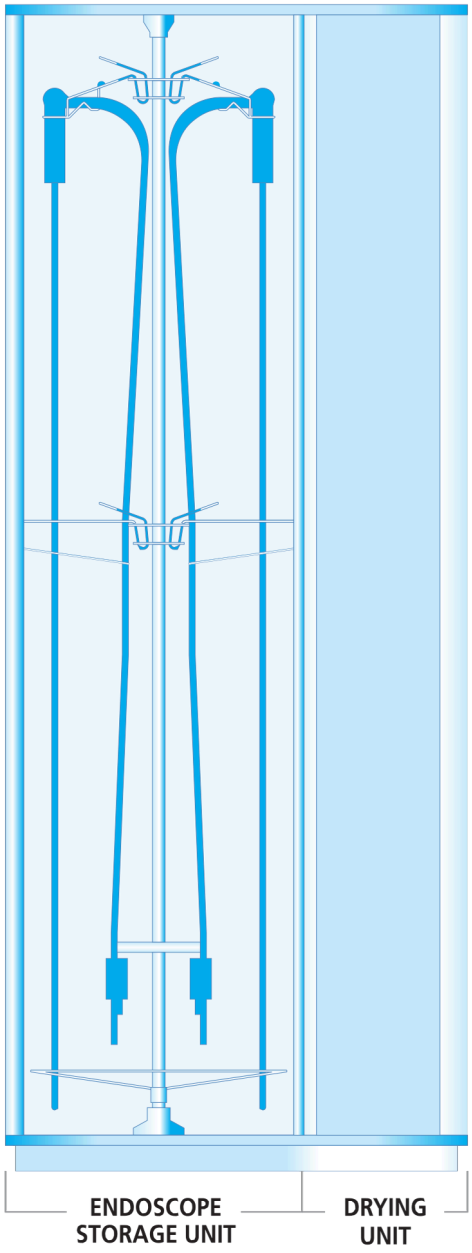
The hanger levels can be adjusted to enable easy hanging of scopes. Labels can be added easily in order to define permanent scope positions permanent or following up any inventory needs, as desired.





endoStorages endoscope drying and storages cabinet:





Revolving shelf system enables easy access to any scope in the cabinet.

Special connectors can be applied to pass air from scope channels as desired. The temperature can be kept steady in the cabinet in the rage of 20-35 degrees. The humidity inside the cabinet can be adjusted digitally.

The endoscopes can be identification with RFID system and this information can be transferred to hospital automation systems through RS232 port or RJ45 network connection.

Vinyl coated endoscope handle hanger

Vinyl coated endoscope connector hanger

Control panel

Door locking system

Drying unit

Revolving hanger mechanism

Endoscope digital head protector (tampon/bumper)

Ventilation vacuum hole

Air Multiplexer

With the air multiplexer, it ensures that each scope is dried under equal conditions with decontaminated air.

endoStorages
[BASIC MENU]
F1
00:20:00
V1.0
F1
F2
F3
F4
Fe
endoStorages

RFID
endoLeakage
F1
F2
F3
F4
SCOPE
Fe

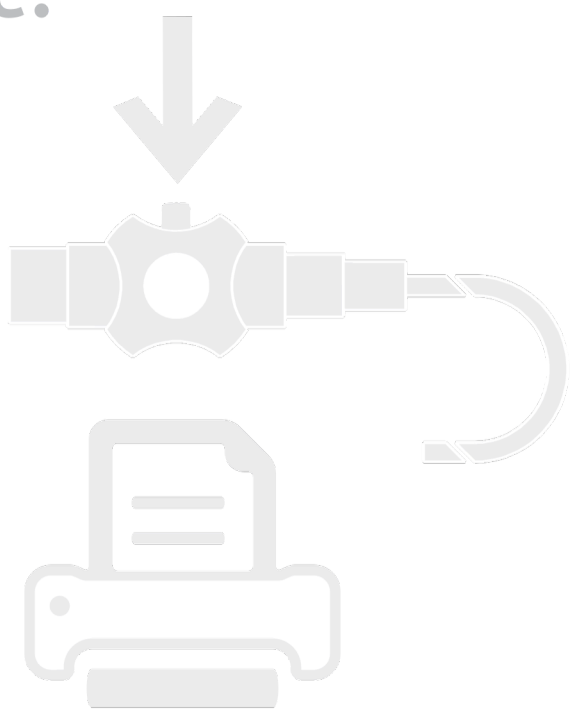
endoLeakage endoscope leakage testing devices:

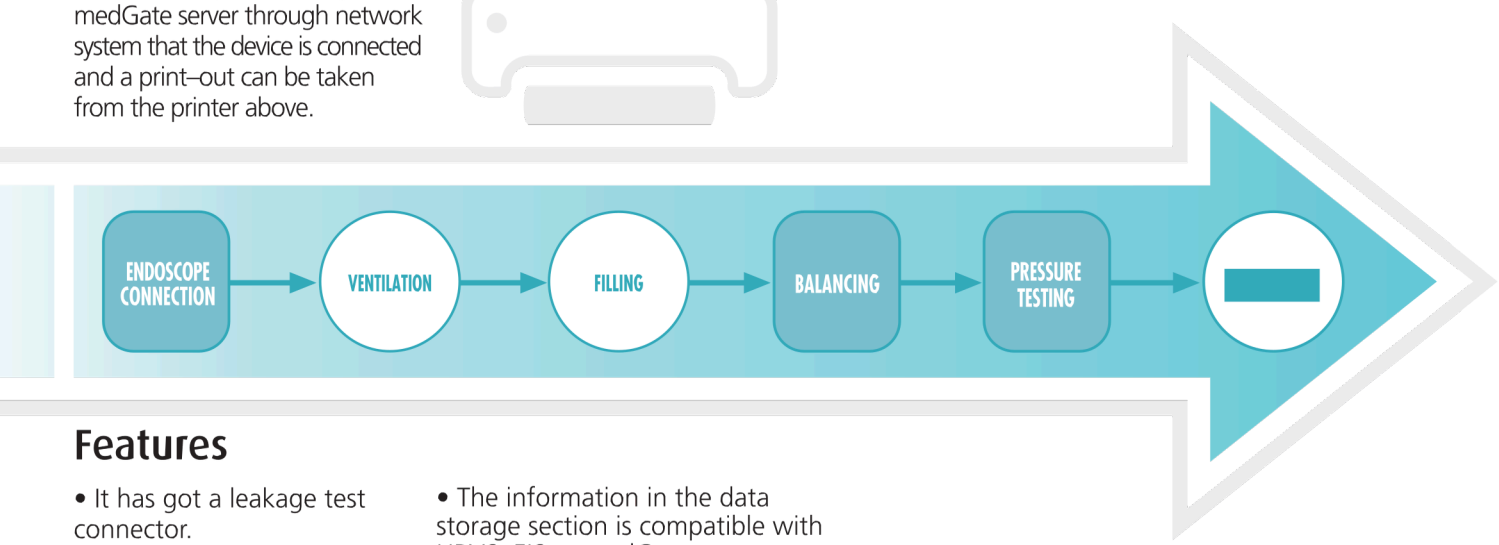
No leakage!

The leakage testing process is very important for endoscope and patient safety.

The possible leakages should be tested with endoLeakage leakage testing device following endoscopic operations.

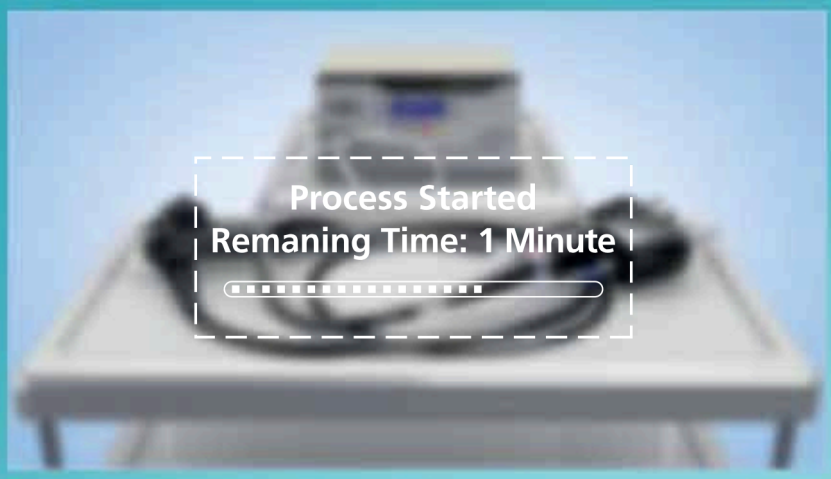
endoLeakage has the ability to identification operator and endoscopes with RFID. It records these information regarding the date and result of the process. It files the result of leakage testing process that lasts for about one minute by transferring it to medGate server through network system that the device is connected and a print–out can be taken from the printer above.



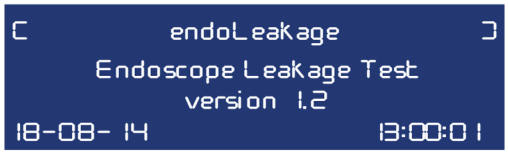


Features

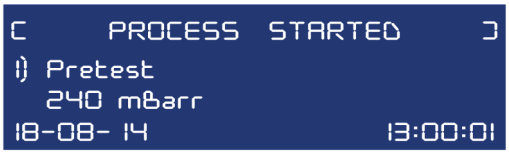
- It has got a leakage test connector.
- There is a hose connected to leakage test connector.
- The maximum pressure that can be applied is 440 mbars.
- It works with 220-240 V 50Hz feeder power.
- It idenfication endoscopes with RFID.
- It idenfication operator with RFID.
- The endoscopes can be idenfication with serial numbers.
- The operator can be determined.
- There is an information storage unit that can record information of leakage test results, endoscopes, operator, testing results and time information.
- The information in the data storage section is compatible with HBYS, EIS or medGate server management system over the network.
- It includes a start, stop and power on/off switch.
- The leakage test warns the user with successful or failed result.
- It includes RS232 port.
- It includes RJ45 network socket.


Process Started
Remaning Time: 1 Minute

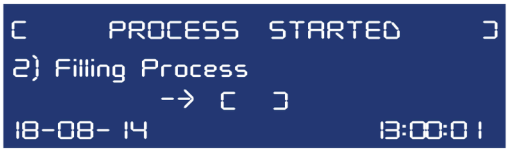
endoLeakage endoscope leakage testing devices:



endoLeakage is a integrated sytem which can test Endoscope leakage.

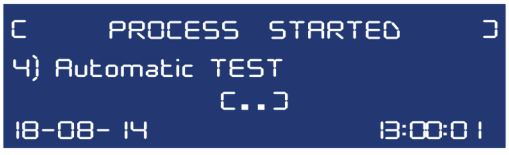


An automatic pre-test stage after process initialization enables a successful start of the system. The applied pressure is always within the limits of internationaly determined norms.

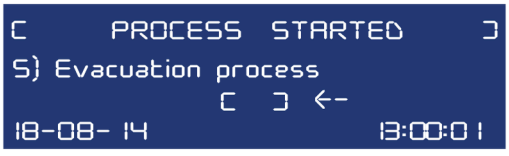


Endoscope test channels are filled with filtered air.

Balancing of pressurized air is accomplished.

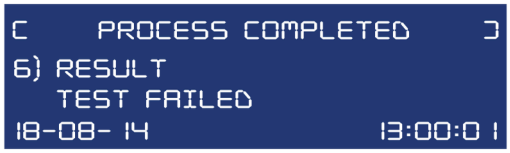


Automatic testing process is performed for 1.5 - 2 minutes.



The inflated air is evacuated.

Process reads SUCCESSFUL message if there is no leakage in endoscope.



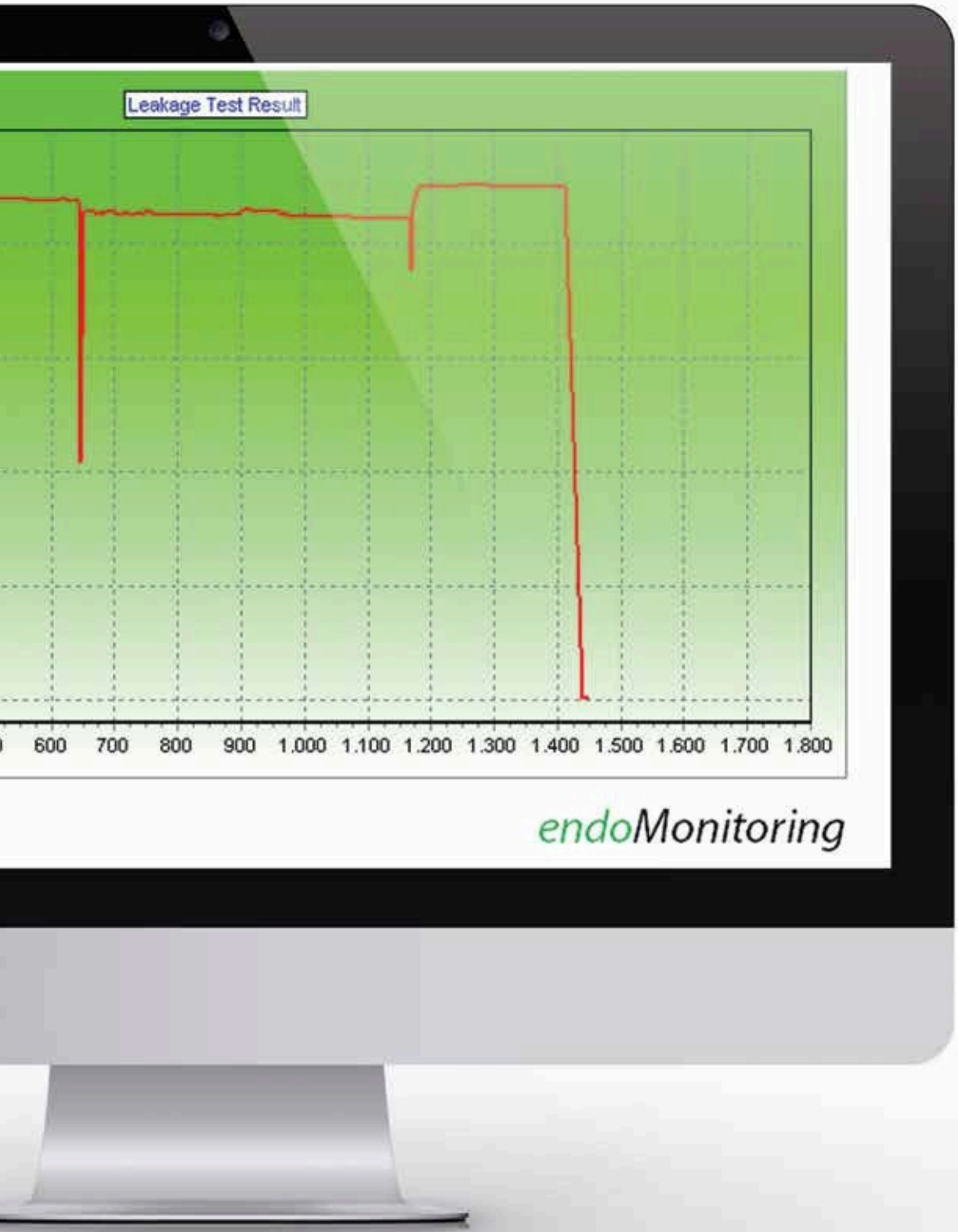
Process reads FAILED message. If there is a leakage in the endoscope.

Any errors that can come out during the process (dependent on endoscope, operator or device) are displayed as messages.

The process result is recorded on the system or transferred to medGate server The displaying on the device

endoMonitoring

endoLeakage takes all phases of the leakage test device to remote ports via tablet PC and/or computer. In addition, endoLeakage archives the results and can integrate these results with HIS.


Leakage Test Result
600
700
800
900
1.000
1.100
1.200
1.300
1.400
1.500
1.600
1.700
1.800
endoMonitoring

RFID
3D
FULL HD 1080p
HR
HL7
POWER
F1
F2
SELECT
LG
medGate

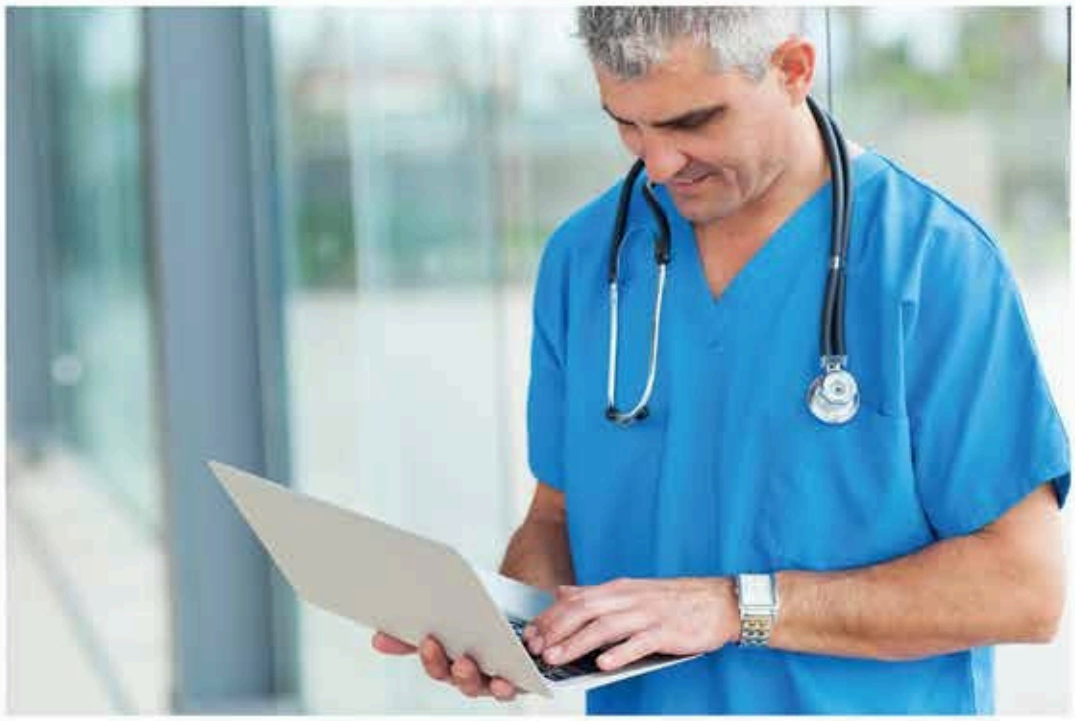
medGate endoscopic imaging archive and recording system:

Data are secured!

medGate mobil station is a system which can file endoscopy process by recording image and video capturing into archives.

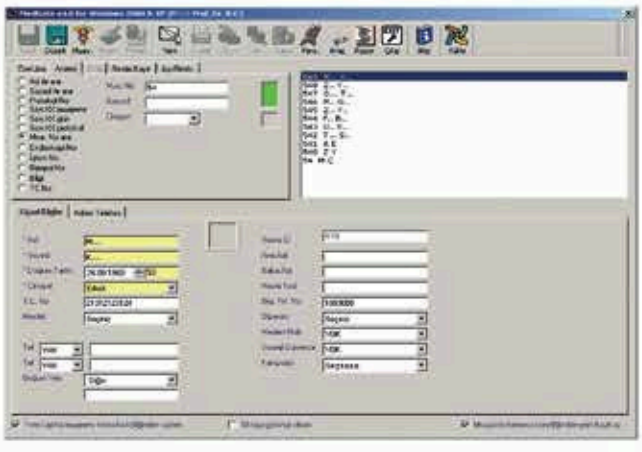
Image and video recordings are captured with foot pedal or handle buttons of endoscope during endoscopic process. The report with image of endoscopic process can be printed out in A4 format.

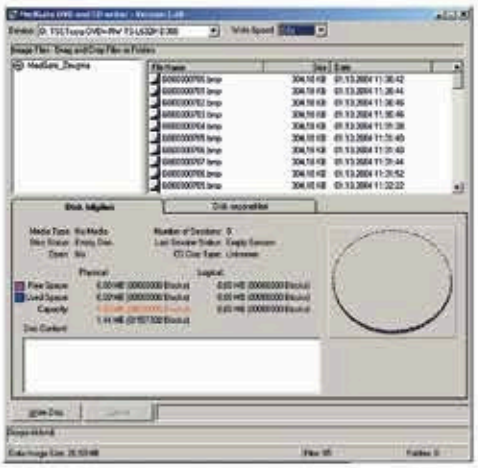
This system can idenfication operator and device with RFID. The IDs of pre-determined operator and devices are filed by sending to medGate server on network into archives.



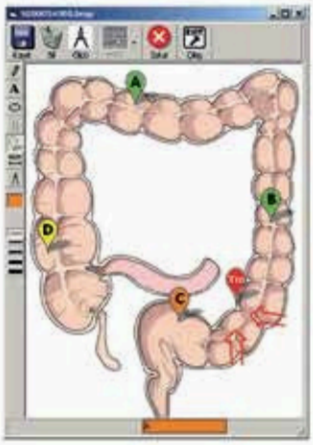
Common features of medGate products:

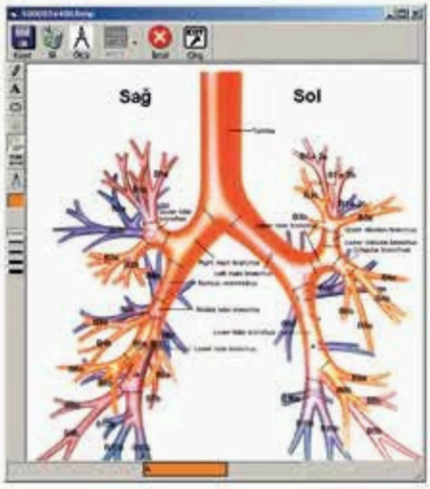
- It records endoscopic images as images and videos.
- It can regenerate video or image from videos with Video editor.
- There is an audible warning indicating capturing image and videos.
- There is a visual warning with LED indicating capturing image and videos.
- It files demographic information of patients into archives.
- It can print out endoscopic results, endoscopic images and demographic information of patients in report with image format.
- It enables writing and marking on images with picture editor.
- It can work compatibly with a converter connected through RS232. (medGate converter MG5010)
- It can be compatible connected to more than one device with multiplexer connected through RS232. (medGate multiplexer MG5014)





- It has the feature of watching video recordings frame by frame and recording images from each frame. The system can transfer images, reports and videos belonging to patients to a DVD-Writer.





- The images can be recorded in BMP, JPG or TIFF etc. format.
- The videos can be recorded in AVI or MPEG format.
- It receives video signal through Composit, BNC , S-Video or HDMI input.
- The report of the patient can be viewed in preview modus and this report can be recorded as BMP, JPG or PDF.
- Different filtering can be performed for any device that can be connected to the system. (endoMask)
- It can perform different mask adjustments for each device. (endoMask)
- It can equilize different sized images from different devices. (endoMask)
- The foot pedal connetion can be traced with led.
- The foot pedal is connected via RJ-45 port.
- The unit receiving image from endoscope processor can shows endoscopic image in full screen size.
- It can be integrated into hospital information system.
- The recorded images can be transferred with copy-paste method.
- Voice recordings can be annexed over recorded images.
- The print option with picture and/or without picture can be controlled with one button.
- For capturing images, the endoscope handle button can be connected to BNC port.

medGate endoscopic imaging archive and recording system:

medGate Types

A
medGate Terminal

It creates a full register for demographic patient information.

It organizes the reports.

It offers print outs.

B
medGate Zeugma

It records image or videos by foot pedal function (medGate foot switch FS9010-1)

C
medGate Zeugma DoubleScreen

It records image or videos by foot pedal function. It offers a double foot pedal option. (medGate foot switch FS9010-2)

A multiplexer extension requires a triple foot pedal unit. (medGate foot switch FS9010-3)

D
medGate MobilStation

It can record in Blu-Ray if requested.

Display: A touchscreen 8.4" LCD monitor.

It can directly record on USB memory devices, MS, CF and other memory devices.

Automatic operator and device registration system via RFID.

E
medGate Server

It can store in archives information received from more than one medGate image transfer system.

It records all videos into archives.

It records all images into archives.

It can use concurrently more than one disc, shared computer or external HD.

It can be used as "Endoscope Information System" (EIS) in modality applications.

A printer administration system controlling more than one printer with only one button to be used.

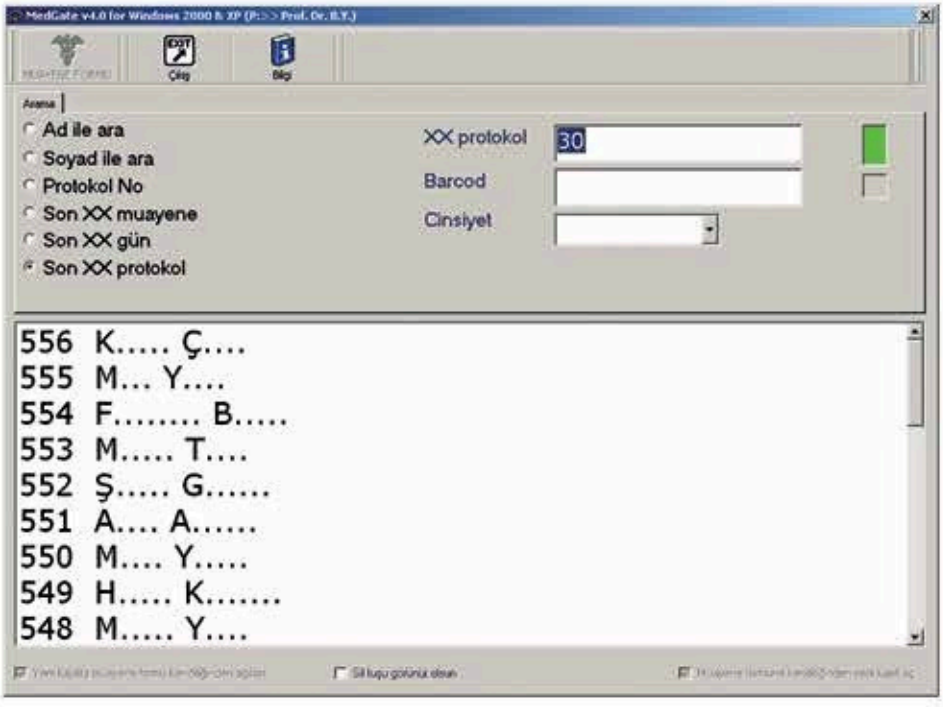
It can print out either black and white or color reports with one button concurrently.

It records information from endoStorages endoscope drying and storage cabinet into archives.

It records information from endoLeakage endoscope automatic leakage testing device into archives.

It records information from endoCleaner endoscope washing and disinfection device into archives.

It provides integration and coordination, with collaborative database, medGate, endoLeakage, endoStorages and endoCleaner devices.



medGate Modules

endo3DesignUSG

It regenerates new images by spiral sampling and taking cross sections from any desired direction from rectal ultrasound and endosonography videos recorded by medGate. Following this process, by transforming directions of images that are observed in one dimension into various dimensions, it enables regenerating new images by using algorithm technics similar to CAT and MRI. It carries the new dimension into gastroenterological platform.

endoMask

medGate mask technology is multifunctional and can be customized for any kind of device and model. Mask process is performed once and waste of time for adjusting for pictures and images is avoided. The most important advantage of Mask technology is providing ink saving by preventing printing of undesired images when print-out is desired. It shortens the time for printing. It focuses concentration on lesions that have to be actually emphasized when examining medical images with Mask process.

endoDICOM

medGate,with endoDICOM, updates all medical devices producing analog images DICOM compatible. It provides compatible smooth operation along with PACS systems. Besides, it can convert images produced in DICOM standarts into most widely used image types (bmp, jpg, gif etc.).

endoMultiplexer

(medGate multiplexer MG5014)

When you want to control more than one image processing device with medGate, endoMultiPlexer will help you. Each module contains 4 channels. As the Module is connected to computer through RS232 port, the system can be promoted up to 256 channels by binding more than one module. This module is applied on devices such as endoscopy, C-armed radiograph, endosonography that can all be probably used for same patient.

endoPACS

medGate, with endoPACS, provides all medical devices producing analog images work compatibly with PACS systems.

medGate endoscopic imaging archive and recording system:

medGate Modules

endoMice

medGate image convert endoscopy It is a special system that regenerates and records again the colors in lesions on endoscopic images recorded with this module by a specific algorithm.

endoAngle

It measures wide and narrow angles made by two straght line passing through three specific spots determined on digital images captured from C armed radiograph images and provides scripting on these pictures. This module is used more frequently in defecography.

HR (High resolution image)

With HR module, high resolution image recording is provided in TIFF format.

HL7

With HL7 module, integration with all medical systems can be made in an easier way.

endo2P2

It helps in measurement and scaling by measuring the span between two spots which you have determined with a mouse on x-ray image captured by C armed radiograph and recorded by medGate.

It supports your operations with numeric data by giving choledoc diameter in ERCP, gall bladder diameter, calculus dimensions or approximate stent measurements in bronchoscopy.

medGate Accesories

medGate converter MG5010

It works with a single (medGate foot switch FS9010-1) or double (medGate foot switch FS9010-2) foot pedal.

It works in 12v regulated feeder system.

It contains RS232 or USB or BNC port.

It contains RJ45 foot pedal port.

It has got the capacity to connect four different medical equipment

It can be connected with endoscope handle button BNC port to capture image frames.

medGate converter MG5010-BLE

It works with a single (medGate foot switch FS9010-1) or double (medGate foot switch FS9010-2) foot pedal.

It works in 12v regulated feeder system.

It contains RS232 or USB or BNC port.

It contains RJ45 foot pedal port.

It has got the capacity to connect four different medical equipment

It has bluetooth feature. It works wireless.

medGate multiplexer MG5014

Works with a triple foot switch (FS9010-3)

It is got the capacity to connect four different medical equipment.

It works in 12v regulated feeder system.

It contains RS232 or USB or BNC port

It contains RJ45 foot pedal port.

It can be connected with endoscope handle button to capture image frames on BNC port.

It contains between 1-4 input BNC video ports.

It contains 1 output video port

medGate foot switch FS9010-2

It contains a double foot pedal.

It has got RJ45 connection socket.

It is compatible with MG4080, MG5010 and MG5014.

It is compatible with medGate Zeugma, medGate DoubleScreen medGate MobilStation and medGate MIP.

medGate foot switch FS9010-2-BLE

It contains a double foot pedal.

It has got RJ45 connection socket

It is compatible with MG4080, MG5010 and MG5014.

It is compatible with medGate Zeugma, medGate DoubleScreen medGate MobilStation and medGate MIP.

It has bluetooth feature. It works wireless.

medGate foot switch FS9010-3

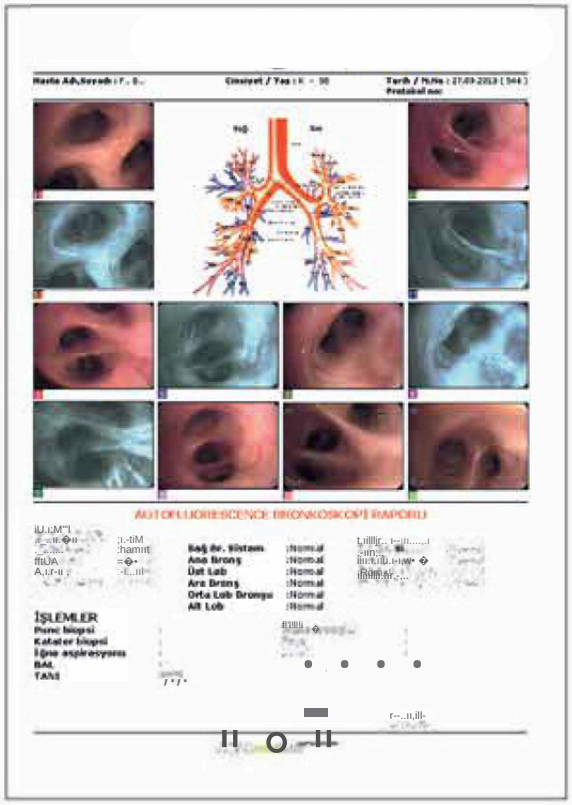
Contains a triple foot pedal.

It has got RJ45 connection socket.

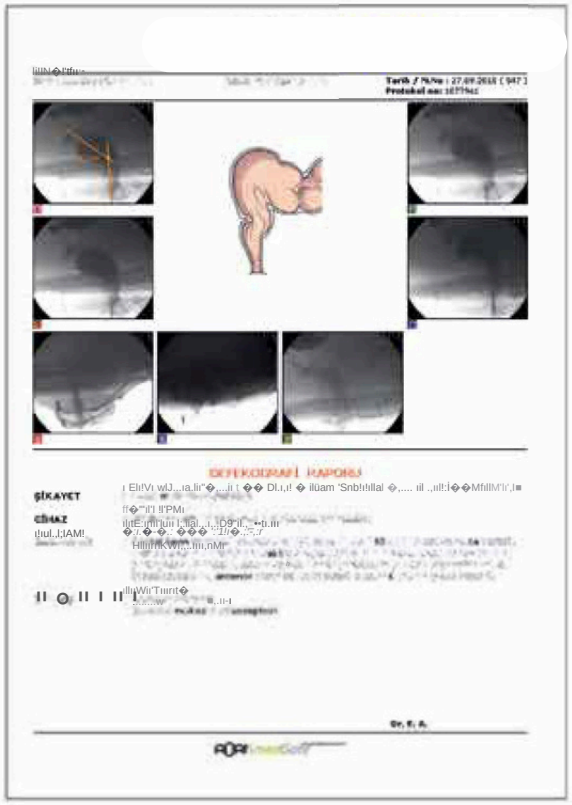
It is compatible with MG4080, MG5010 and MG5014.

It is compatible with medGate Zeugma, medGate DoubleScreen medGate MobilStation and medGate MIP.

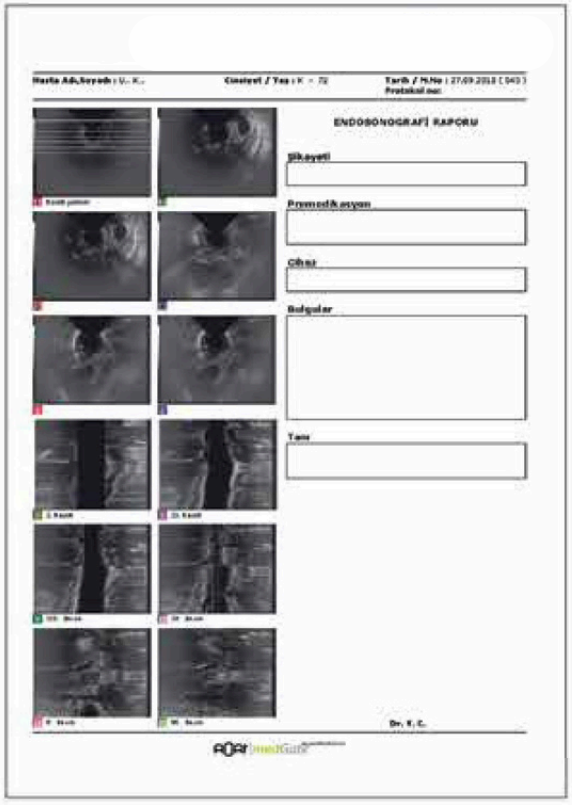
medGate endoscopic imaging archive and recording system:



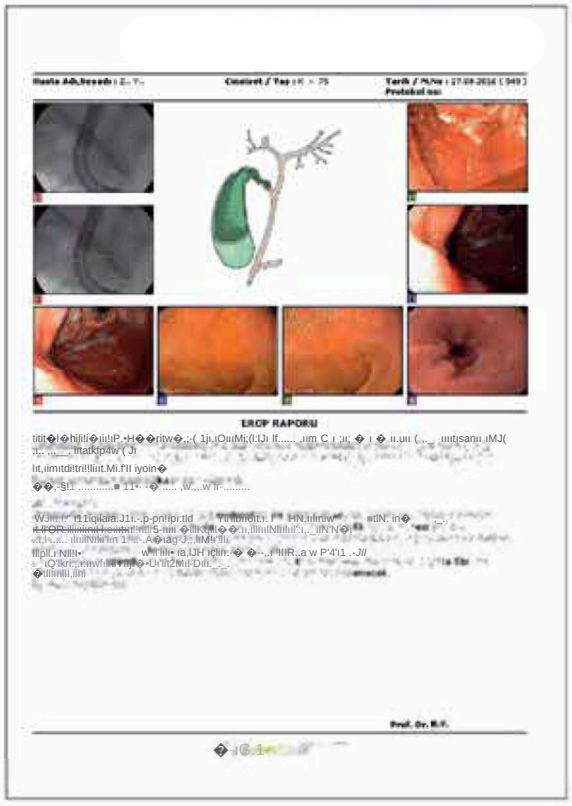
endomask module has been applied in image captured by nonnal and autofluorescence methods



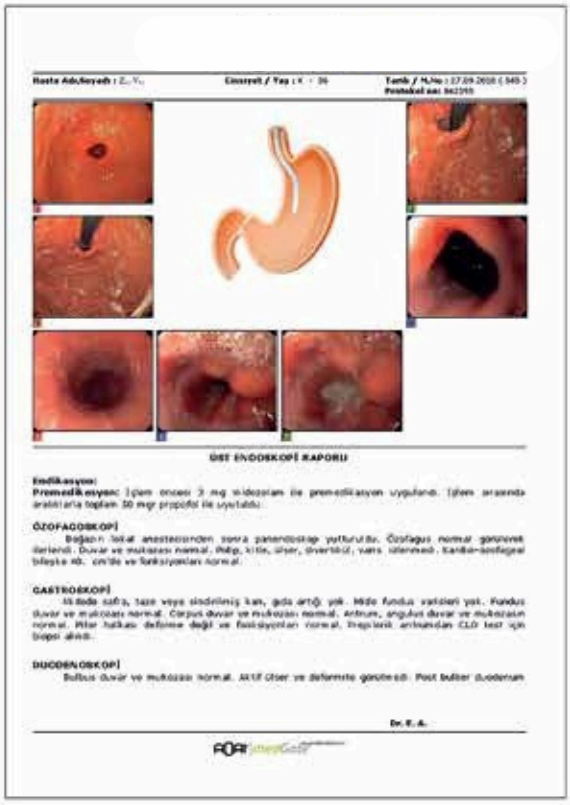
in defecography images recorded with endoAngle module, the angle of two different directions has been measured.



With Endo3desingUSG module, images of vertical and horizontal cross sections have been generated.



Endo2P2 module is used for measurement of two points between the images recorded in the ERCP process.



ÜST ENDOSKOPİ RAPORU

Endikasyon:
Premedikasyon: İşlem öncesi 3 mg midazolam ile premedikasyon uygulandı. İşlem arasında aralıklarla toplam 50 mgr propofol ile uyutuldu.

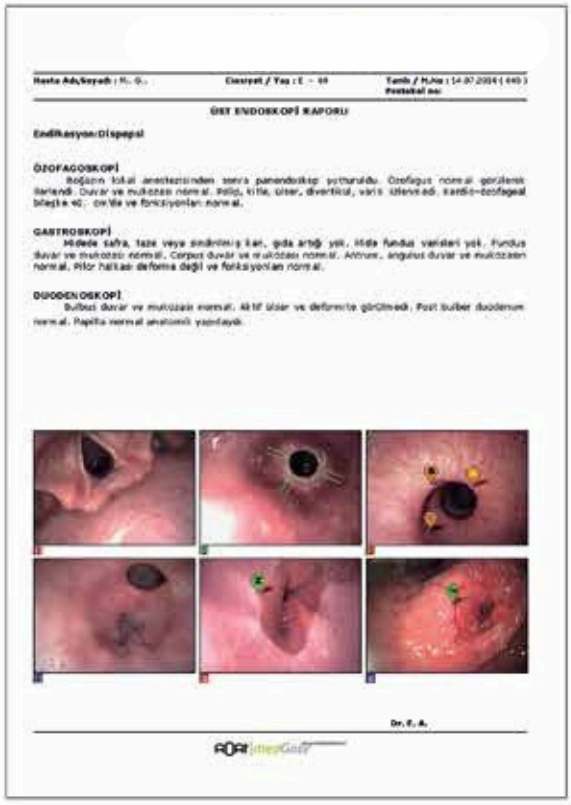
ÖZOFAGOSKOPİ
Boğazın lokal anesteziinden sonra panendoskop yutturuldu. Özofagus normal görünümde ilerlendi. Duvar ve mukozası normal. Polip, kitle, ülser, divertikül, varis izlenmedi. Kardio-özofageal bileşke 40. cm'de ve fonksiyonları normal.

GASTROSKOPİ
Midede safra, taze veya sindirilmiş kan, gıda artığı yok. Mide fundus varisleri yok. Fundus duvar ve mukozası normal. Corpus duvar ve mukozası normal. Antrum, angulus duvar ve mukozası normal. Pilor halkası deforme değil ve fonksiyonları normal. Hepsiorb antrumdan CLO test için biopsi alındı.

DUODENOSKOPİ
Bulbus duvar ve mukozası normal. Aktif ülser ve deformite görülmedi. Post bulber duodenum

Dr. E. A.

Upper gastrointestinal system diagram has been used.



ÜST ENDOSKOPİ RAPORU

Endikasyon:Dispepsi

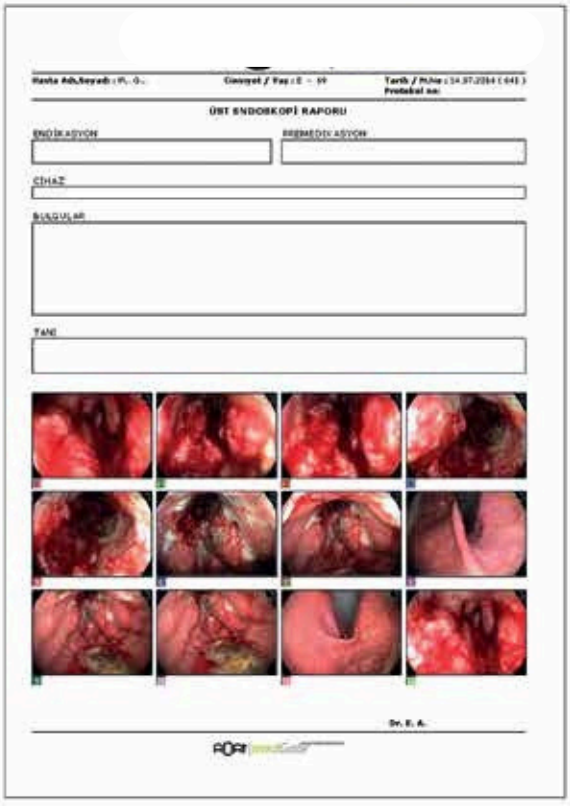
ÖZOFAGOSKOPİ
Boğazın lokal anesteziinden sonra panendoskop yutturuldu. Özofagus normal görünümde ilerlendi. Duvar ve mukozası normal. Polip, kitle, ülser, divertikül, varis izlenmedi. Kardio-özofageal bileşke 40. cm'de ve fonksiyonları normal.

GASTROSKOPİ
Midede safra, taze veya sindirilmiş kan, gıda artığı yok. Mide fundus varisleri yok. Fundus duvar ve mukozası normal. Corpus duvar ve mukozası normal. Antrum, angulus duvar ve mukozası normal. Pilor halkası deforme değil ve fonksiyonları normal.

DUODENOSKOPİ
Bulbus duvar ve mukozası normal. Aktif ülser ve deformite görülmedi. Post bulber duodenum normal. Papilla normal anatomik yapıdaydı.

Dr. E. A.

The images included in the report have been automatically placed below the report text.



ÜST ENDOSKOPİ RAPORU

ENDİKASYON

REMEDİDİASYON

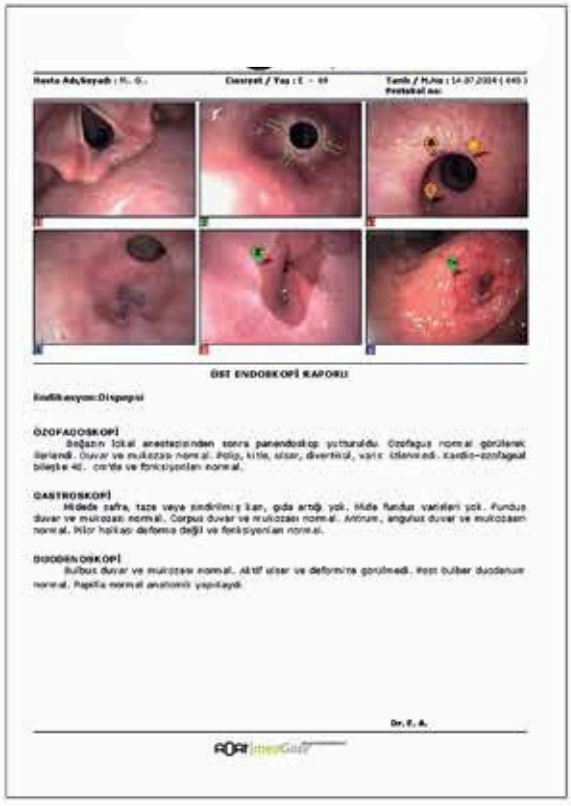
CİHAZ

BULGULAR

TANI

Dr. E. A.

The report text has been separately formulated with frames.



ÜST ENDOSKOPİ RAPORU

Endikasyon:Dispepsi

ÖZOFAGOSKOPİ
Boğazın lokal anesteziinden sonra panendoskop yutturuldu. Özofagus normal görünümde ilerlendi. Duvar ve mukozası normal. Polip, kitle, ülser, divertikül, varis izlenmedi. Kardio-özofageal bileşke 40. cm'de ve fonksiyonları normal.

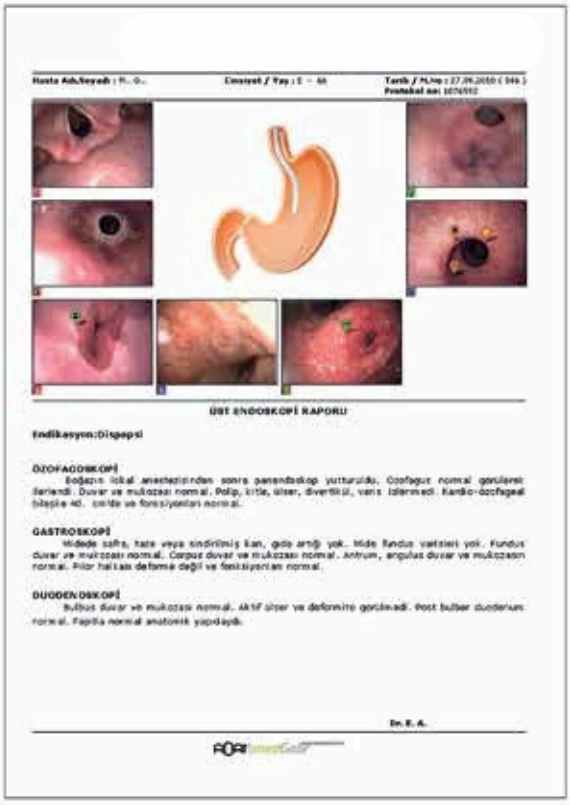
GASTROSKOPİ
Midede safra, taze veya sindirilmiş kan, gıda artığı yok. Mide fundus varisleri yok. Fundus duvar ve mukozası normal. Corpus duvar ve mukozası normal. Antrum, angulus duvar ve mukozası normal. Pilor halkası deforme değil ve fonksiyonları normal.

DUODENOSKOPİ
Bulbus duvar ve mukozası normal. Aktif ülser ve deformite görülmedi. Post bulber duodenum normal. Papilla normal anatomik yapıdaydı.

Dr. E. A.

Important spots have been marked on the image.

medGate endoscopic imaging archive and recording system:



ÜST ENDOSKOPİ RAPORU

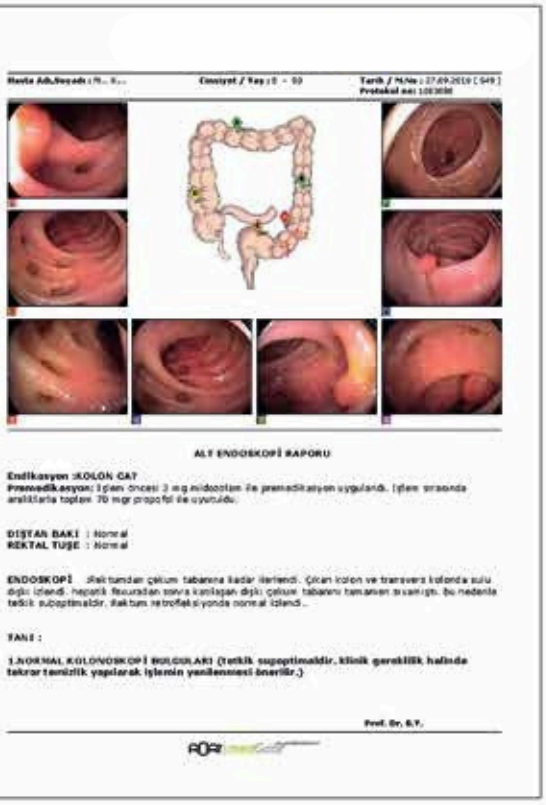
Endikasyon:Dispepsi

ÖZOFAGOSKOPİ
Boğazın lokal anesteziinden sonra gastroskop yutturuldu. Özofagus normal görülerek ilerlendi. Duvar ve mukozası normal. Polip, kitle, ülser, divertikül, varis izlenmedi. Kardio-özofageal bileşke 40. cmde ve fonksiyonları normal.

GASTROSKOPİ
Midede safra, taze veya sindirilmiş kan, gıda artığı yok. Mide fundus varisleri yok. Fundus duvar ve mukozası normal. Corpus duvar ve mukozası normal. Antrum, angulus duvar ve mukozası normal. Pilor halkası deforme değil ve fonksiyonları normal.

DUODENOSKOPİ
Bulbus duvar ve mukozası normal. Aktif ülser ve deformite görülmedi. Post bulber duodenum normal. Papilla normal anatomik yapıdaydı.

Dr. E. A.



ALT ENDOSKOPİ RAPORU

Endikasyon :KOLON CA?
Premedikasyon: İşlem öncesi 3 mg midazolam ile premedikasyon uygulandı. İşlem sırasında aralıklarla toplam 70 mgr propofol ile uyutuldu.

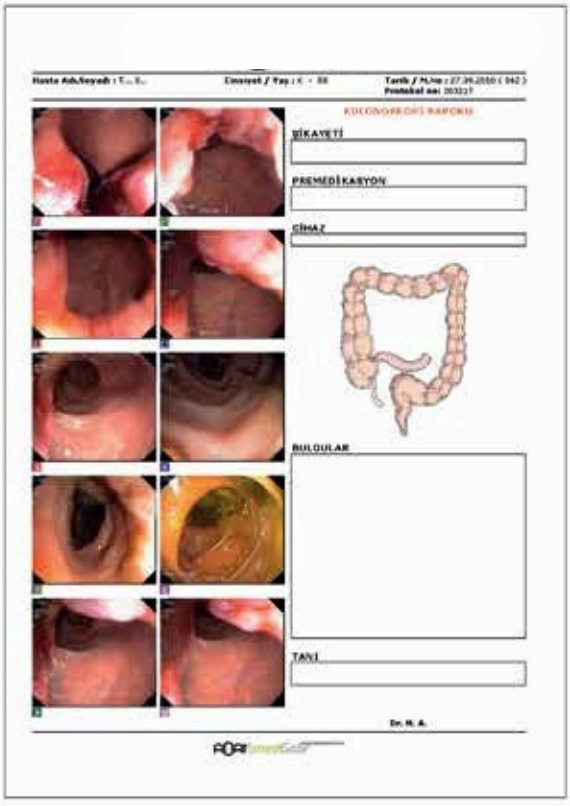
DIŞTAN BAKI : Normal
REKTAL TUŞE : Normal

ENDOSKOPİ :Rektumdan çıkıcı tabanına kadar ilerlendi. Çıkan kolon ve transvers kolonda sulu dışkı izlendi. Hepatik fleksurdan sonra kontrast dışkı çıkıcı tabanını tamamen sıvamıştı. bu nedenle tetkik suboptimaldir. Rektum retrofleksiyonda normal izlendi..

TANI :

1.NORMAL KOLONOSKOPİ BULGULARI (Tetkik suoptimaldir. klinik gerekllik halinde tekrar temizlik yaplarak işlemin yenilenmesi önerilir.)

Prof. Dr. E.Y.



KOLONOSKOPİ RAPORU

BİKAYETİ

PREMEDİKASYON

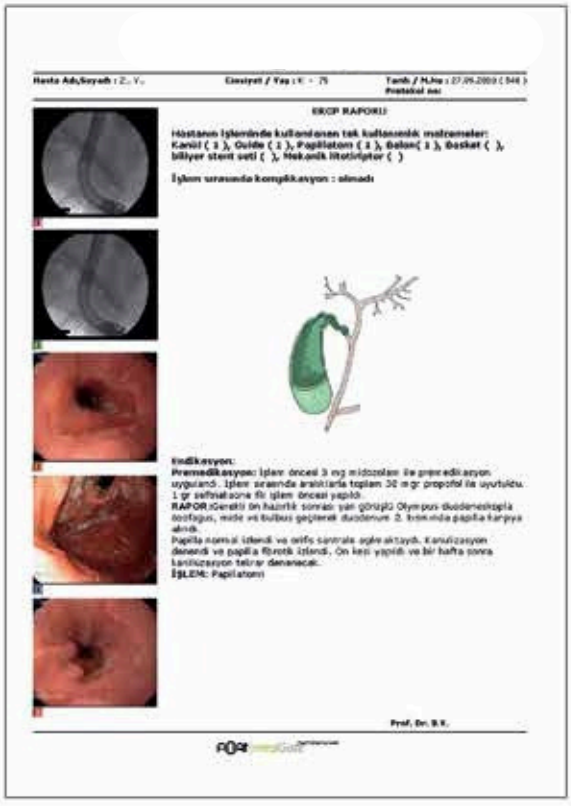
CİHAZ

BULGULAR

TANI

Dr. H. A.

The images included in the report have been automatically placed to the left of the report text.



ERCP RAPORU

Hastanın işleminde kullanılanan tek kullanımlık malzemeler:
Kanül (1), Guide (1), Papillatom (1), Balon(1), Basket ( ), biliyer stent seti ( ), Mekanik litotriptor ( )

İşlem sırasında komplikasyon : olmadı

Endikasyon:
Premedikasyon: İşlem öncesi 3 mg midazolam ile premedikasyon uygulandı. İşlem sırasında aralıklarla toplam 30 mgr propofol ile uyutuldu. 1 gr sefmetazine ilk işlem öncesi yapıldı.
RAPOR: Gerekli ön hazırlık sonrası yan görüşlü Olympus duodenoskopla özofagus, mide ve bulbus geçilerek duodenum 2. kısmında papilla karşısına alındı.
Papilla normal izlendi ve ostiu çevresi açık aktaydı. Kanülizasyon denendi ve papilla fibrotik izlendi. Ön kesi yapıldı ve bir hafta sonra kanülizasyon tekrar denenecek.
İŞLEM: Papilatomi

Prof. Dr. S.Y.

With the endoMultiplexer module, images from two different medical devices have been captured.

RFID
3D
FULL HD 1080p
HR
HL7
medGateMIP

medGate MIP, advanced technology image recorder:

End point of rising generation imaging!

MedGate MIP is an advanced technology new medical image recorder and transmitter.

You can place the medGate MIP in the trolley of rigid and flexible endoscopes. medGate MIP with stand, can be placed on the shelves of the endoscope trolley or can used independently with a movable monitor arm.

Storage Capacity of the system always extendable with internal harddisk with available products. Picture and video recordings can be made with Bluetooth foot switch or touch screen. It is also possible to perform this task with special command buttons.

Recorded videos are compatible with all operating systems and do not require a private codec. It is able to transfer live video to different media. It offers opportunity to watch live transmission via internet on computers, notebooks, tablets and smart phones. It includes digital data platform for data transfer and live transmission.

MedGate and MIP, which supports many analog digital video input, are compatible with new and old processors. Compatible with HL7 and Dicom, MedGate MIP can be integrated into hospital automation systems through different methods. It is able to use USB ports, wireless mouse/keyboard and data storage devices.

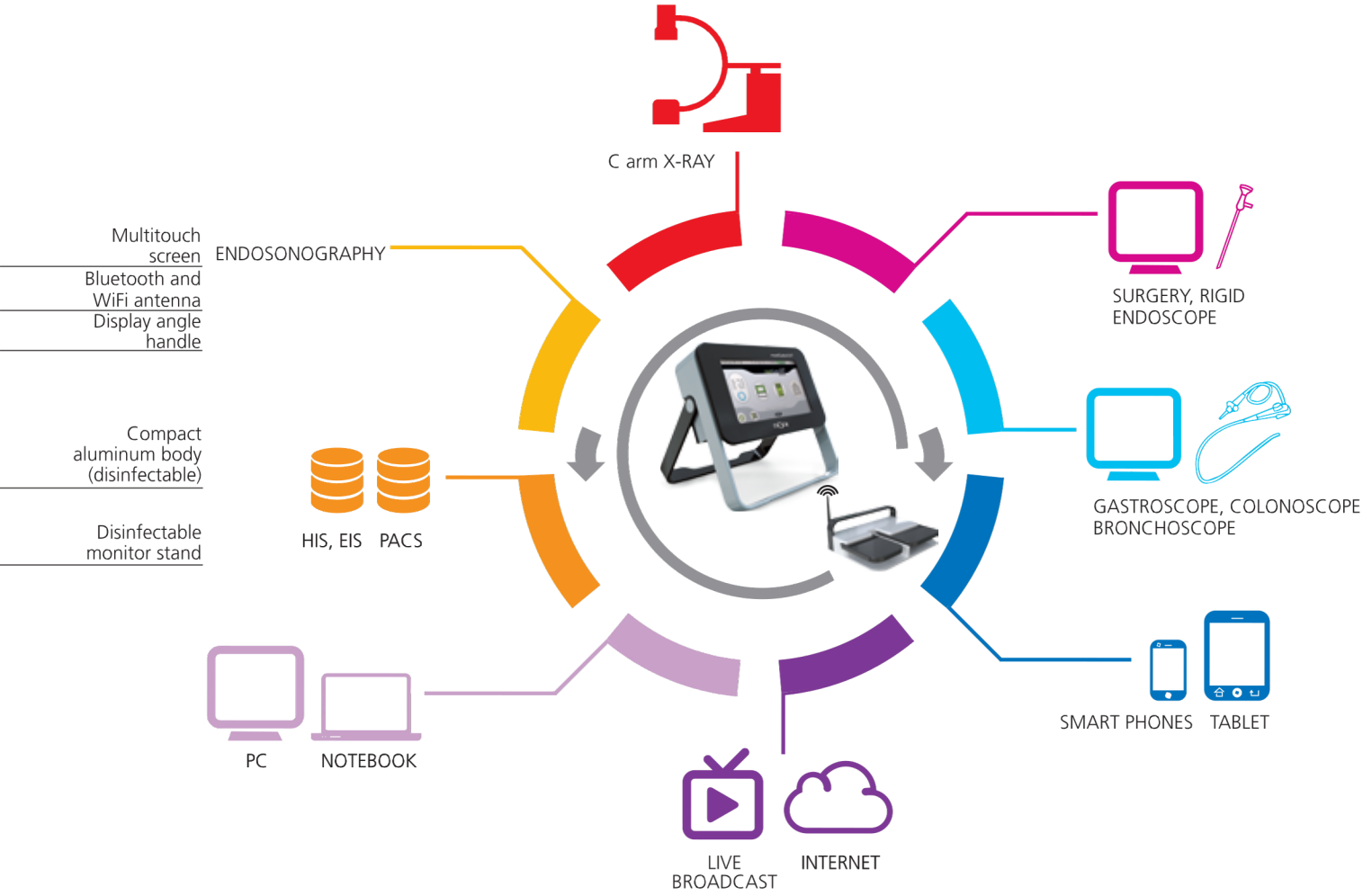
It is an ergonomic accessory minimizing contamination that can be easily installed on endoscopy trolleys thanks to medGate MIP Trolley Holder.

It allows you to take action fast by choosing patients with appointment on the screen or choosing patients directed from MedGate Server.
It is capable to keeping archive on its own free from network. Voice recording is available through microphone input.

medGateMIP
medGateMIP

30°

60°



medGate foot switch FS9010-2-BLE

Includes double foot switch.

Operates with two batteries.

It is compatible with all medGateBLE.

It is capable to take taking pictures and shooting videos simultaneously.

medGate MIP Modules

endoDICOM

medGate, with endoDICOM, updates all medical producing analog images DICOM compatible. It provides compatible smooth operation along with PACS systems. Besides, it can convert images produced in DICOM standarts into most widely used image types (bmp, jpg, gif vs.)

endoPACS

medGate, with endoPACS, provides all medical devices producing analog images work compatibly with PACS systems.

HL7

With HL7 module, integration with all medical systems can be made in an easier way.

endo3DesignUSG

It regenerates new images by sprial sampling and taking cross section from any desired direction from rectal ultrasound and endosonography videos recorded by medGate. Following this process, by transforming directions of images that are observed in one dimension into various dimensions, it enables regenerating new images by using algorithm technics similar to CAT and MRI. It carries the new dimension into gastroenterological platform.

endoMultiplexer

(medGate multiplexer MG5014)

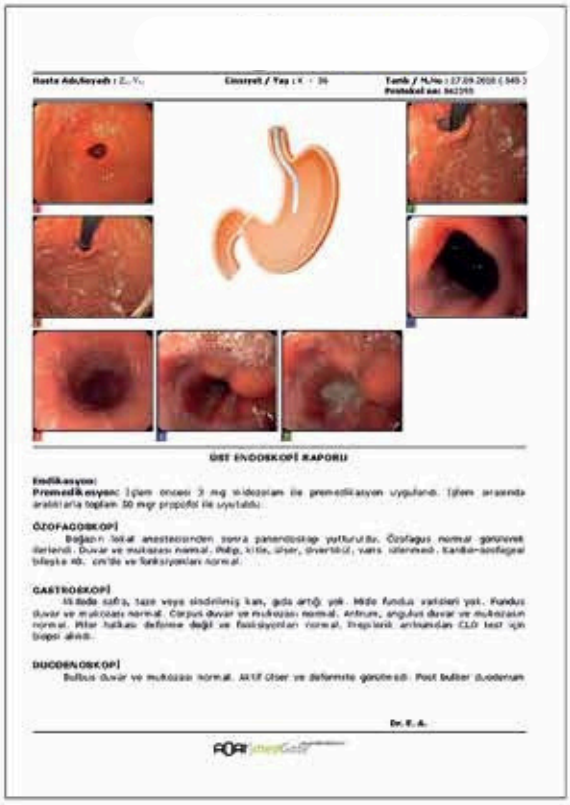
When you want to control more than one image processing device with medGate, endoMultiplexer will help you. Each module contains 4 channels. As the Module is connected to computer through RS232 port, the system can be promoted up to 256 channels by binding more than one module. This module is applied on devices such as endoscopy, C-armed radiograph, endosonography that can all be probably used for same patient.

endoMask

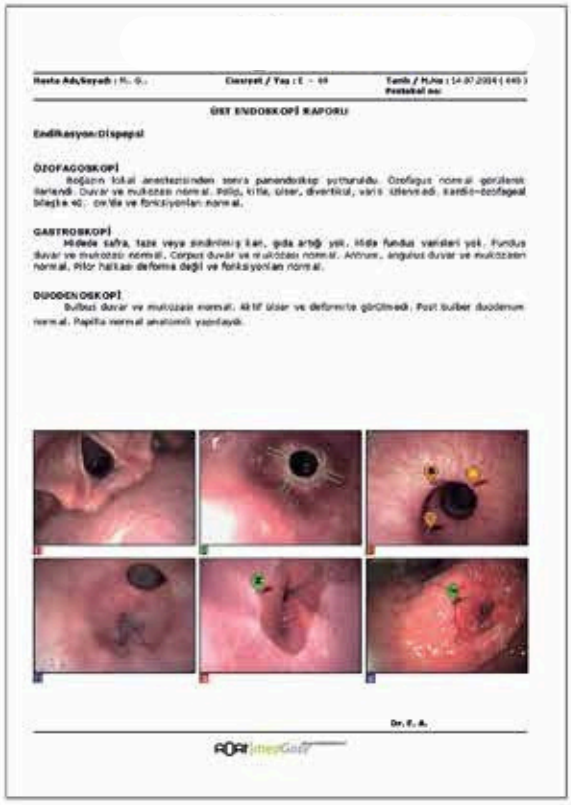
medGate mask technology is multifunctional and can be customized for any kind of device and model. Mask process is performed once and waste of time for adjusting for pictures and images is avoided. The most important advantage of Mask technology is providing ink saving by preventing printing of undesired images when print-out is desired. It shortens time for printing. It focuuses concentration on lesions that have to be actually emphasized when examining medical ilages with Mask process.

HDMI in
DVI
VGA
COMPONENT
BNC/SHD
S-VIDEO
DC 12V
R8232
INTERNET
USB
MIC
HDMI out
SD-CARD

medGate MIP, advanced technology image recorder:



Upper gastrointestinal system diagram has been used.



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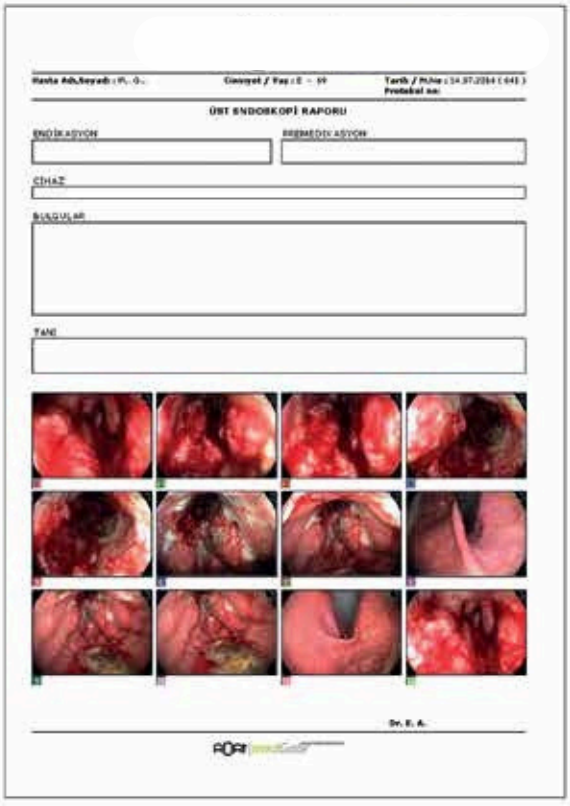
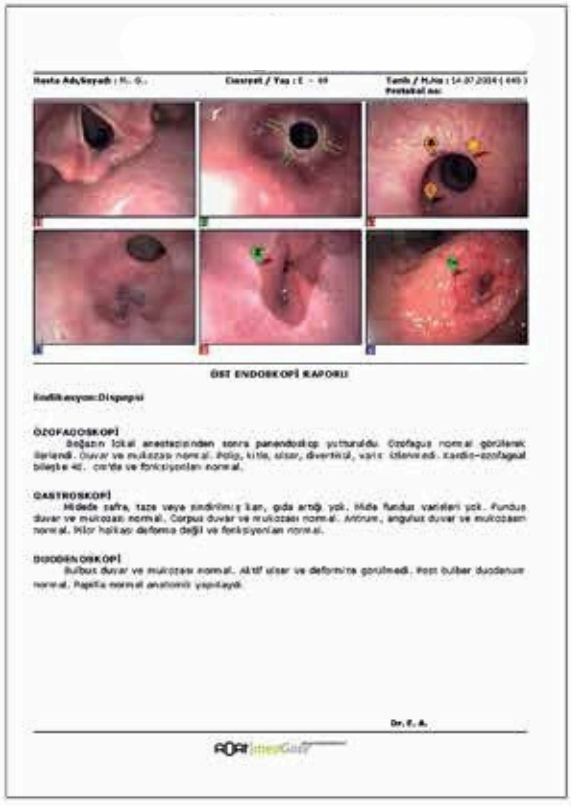
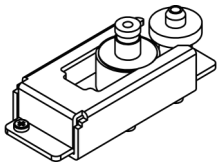


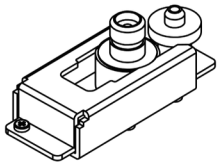
The report text has been separately formulated with frame



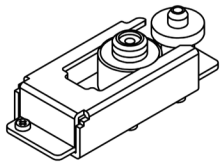
Important spots have been marked on the image.



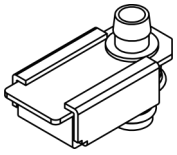
CON_001 | PK19 HANDLE CONNECTOR (PX)



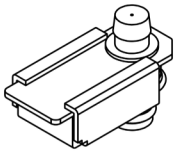
CON_002 | OK19 HANDLE CONNECTOR (OL)



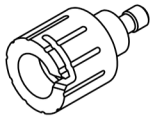
CON_003 | FJ21 HANDLE CONNECTOR (FJ)



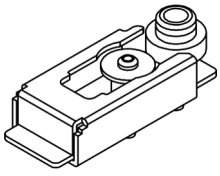
CON_004 | EC33 BASIN CONNECTOR



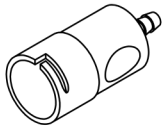
CON_005 | EC33 BASIN CONNECTOR NON-LUMEN



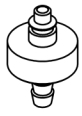
CON_006 | LK06 LEAK TEST CONNECTOR (OL)



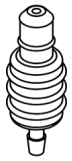
CON_010 | OK20 HANDLE CONNECTOR (OL)



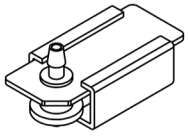
CON_011 | LK11C LEAK TEST CONNECTOR (PX)



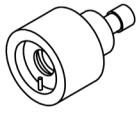
CON_012 | FJ90 BRONCHOSCOP HANDLE CONNECTOR (FJ)



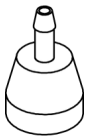
CON_013 | OK81 BRONCHOSCOP HANDLE CONNECTOR (OL)



CNT_027 | ODW28 BIOPSY CONNECTOR (OL)

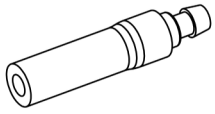


TRN_099 | LK21 LEAK TEST CONNECTOR (FJ)



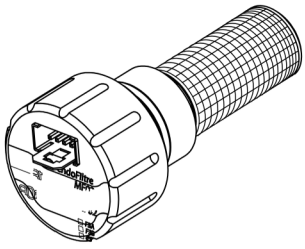
CON_014 | OK13 BRONCHOSCOP CONNECTOR (OL)

CNT_024 | GZD44 BIOPSY CONNECTOR (OL)

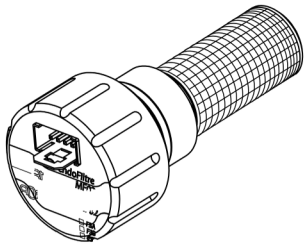


TRN_030 | THIN-THICK HOSE CONNECTOR

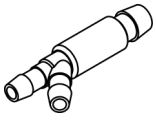
CPC_005 | CPC FITTING



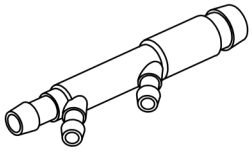
FLT_021 | ENDOFILTER F5-MF02



FLT_022 | ENDOFILTER F3A-MF02

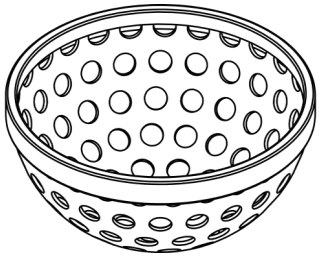


PLS_013 | EC-0611 GREEN CONNECTOR (DOUBLE)

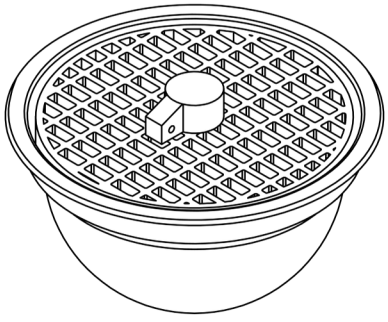


PLS_016 | EC-1311 GREEN CONNECTOR (TRIPLE)

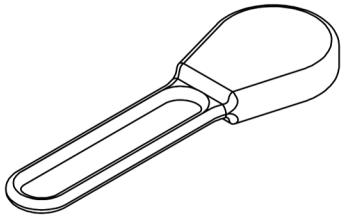
PLS_018 | EC-1102 BIOPSY CHANNEL ADAPTOR



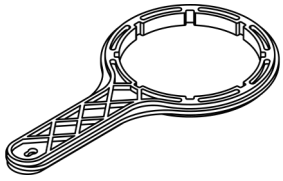
SAC_211 | BUTTON WASHING BASKET



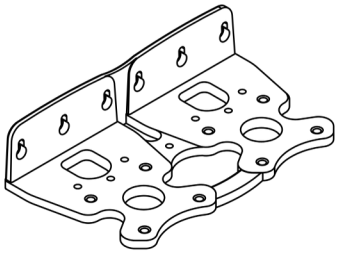
SAC_212 | BUTTON WASHING CASE



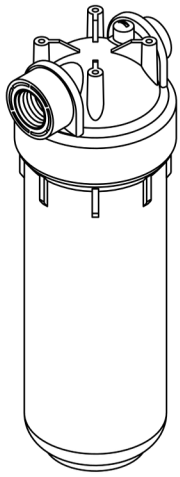
ELK_175 | RFID ID TAG (FOR ENDOSCOPES)



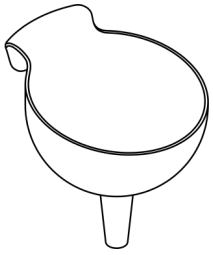
FLT_009 | WATER FILTER WRENCH



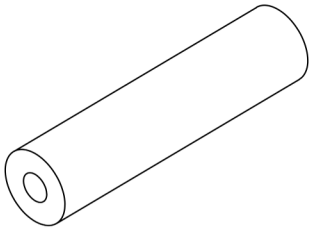
FLT_010 | WATER FILTER HANGER



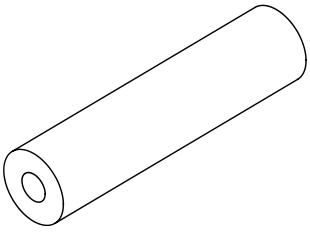
FLT_011 | WATER FILTER SINGLE HOUSING



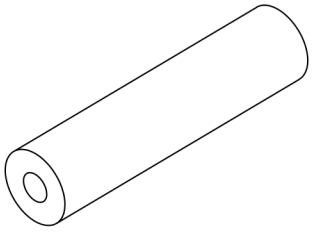
PLS_012 | FUNNEL



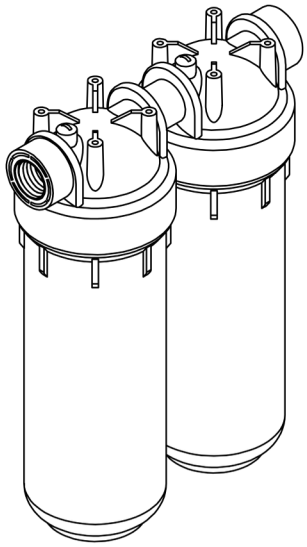
FLT_016 | ENDOFILTER EFE 5 MICRON



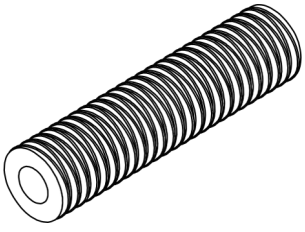
FLT_017 | ENDOFILTER EFE 1 MICRON



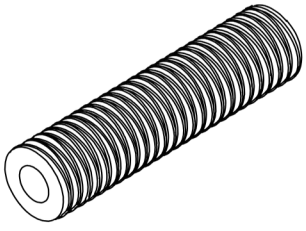
FLT_019 | ENDOFILTER CTO 10 MICRON



FLT_033 | WATER FILTER DOUBLE HOUSING



FLT_012 | ENDOFILTER EFA 5 MICRON



FLT_013 | ENDOFILTER EFA 1 MICRON

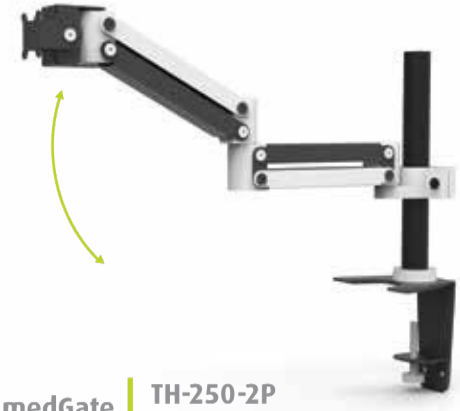
medGate | FOOT SWITCH FS9010-2
DOUBLE FOOT PEDAL

medGate | FOOT SWITCH FS9112-2-BLE
DOUBLE FOOT PEDAL

medGate | FOOT SWITCH FS9010-3
TRIPLE FOOT PEDAL

medGate | VESA COMPATIBLE
ADAPTOR

PRODUCT FEATURES		FS9010-2 FOOT SWITCH	FS9112-2-BLE FOOT SWITCH	FS9010-3 FOOT SWITCH
Endoscopic images	Picture capture	✔	✔	✔
	Video recording	✔	✔	✔
	Sound recording		✔	
Image and video recording	Recording by vocal activation	✔	✔	✔
	Recording by visuals in led	OP	✔	OP
Foot pedal	Double foot pedal	OP		OP
	Triple foot pedal			OP
	Concurrently video and picture recording		✔	OP
	Shifting choice of device			OP
	Wireless foot pedal		✔	✔
Compatible models	MG5010 Converter			✔
	MG5014 Multiplexer	OP		OP
	FS9010-2 foot pedal	✔		OP
	FS9010-3 foot pedal	✔		
	medGate MIP		✔	
	MG5010-BLE		✔	
medGate compatibility	medGate Zeugma			✔
	medGate Zeugma DoubleScreen	✔		✔
	medGate MobilStation	✔		✔



medGate | TH-250-2P
MIP TROLLEY HOLDER

medGate | TH-250-2
MIP TROLLEY HOLDER

medGate | CONVERTER MG5010

8 699266 380609

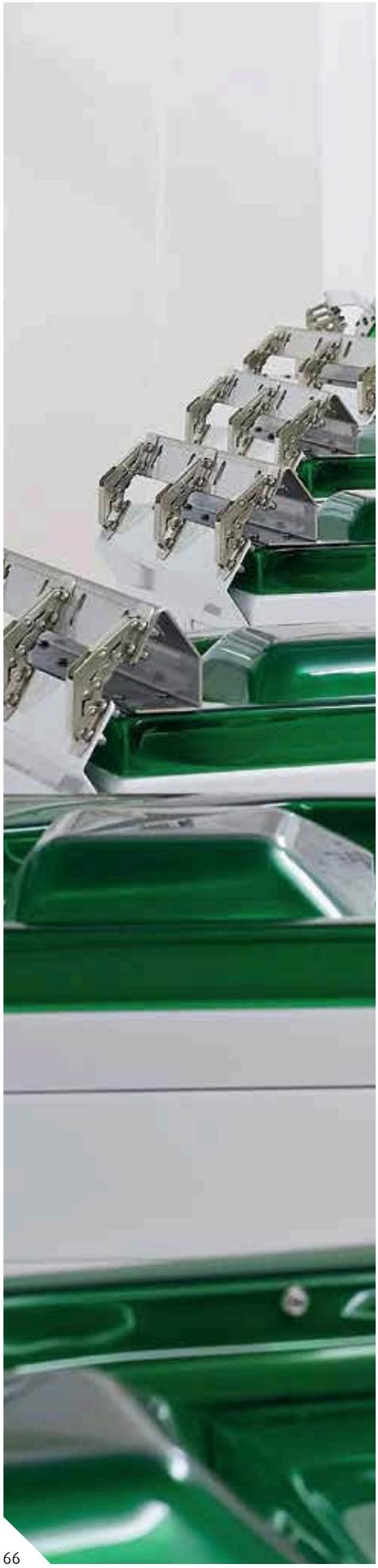
medGate | MULTIPLEXER MG5014

8 699266 380616

PRODUCT FEATURES		MG5010 CONVERTER	MG5010-BLE CONVERTER	MG5014 CONVERTER
Connector	12V female power	✔	✔	✔
	RS232 (DB9) port	✔	✔	✔
	RJ-45 port	✔	✔	✔
	BNC endoskop remote switch port	OP	OP	OP
	USB port	OP	OP	OP
Video input/output	S-Video input		OP	OP
	Composit video input		OP	OP
	HDMI video input		OP	OP
	BNC video input (1-4 pieces)		✔	✔
	BNC video output		✔	✔
Foot pedal	Single foot pedal	OP	OP	OP
	Double foot pedal	✔	OP	OP
	Triple foot pedal		✔	✔
	Concurrently video and picture recording	✔	✔	✔
	Shifting choice of device		✔	✔
	Wireless foot pedal	OP	OP	OP
	Connect to up to 4 medical devices		✔	✔
Compatible models	FS9010-1 foot pedal	✔	✔	✔
	FS9010-2 foot pedal	✔	✔	✔
	FS9010-3 foot pedal		✔	✔
medGate compatibility	medGate Zeugma	✔	✔	✔
	medGate Zeugma DoubleScreen	✔	✔	✔

medGate | CONVERTER MG5010-BLE

8 699266 380777



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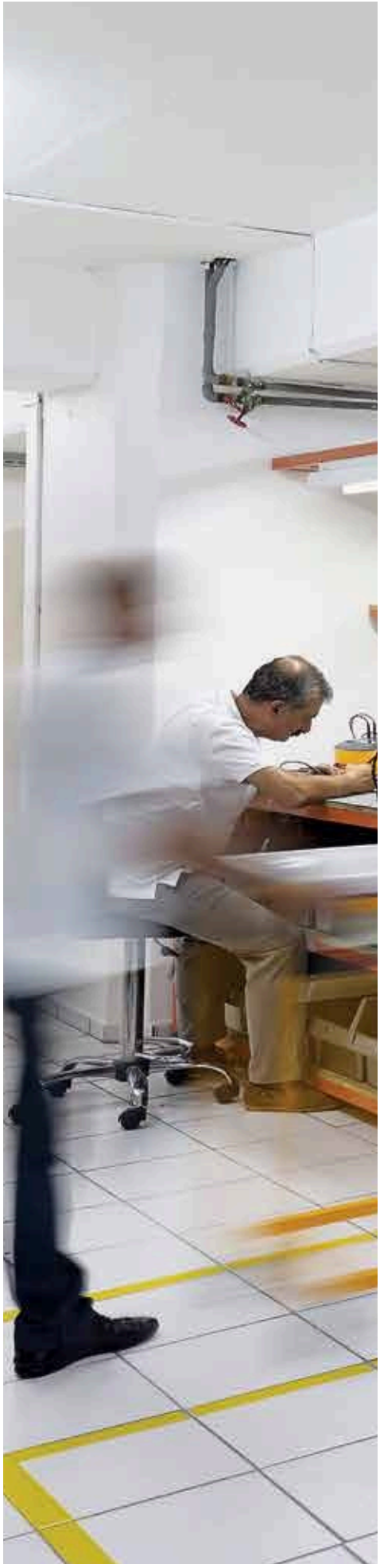

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Tel:0533 810 87 86
info@rosehantrade.com