

¿About us?

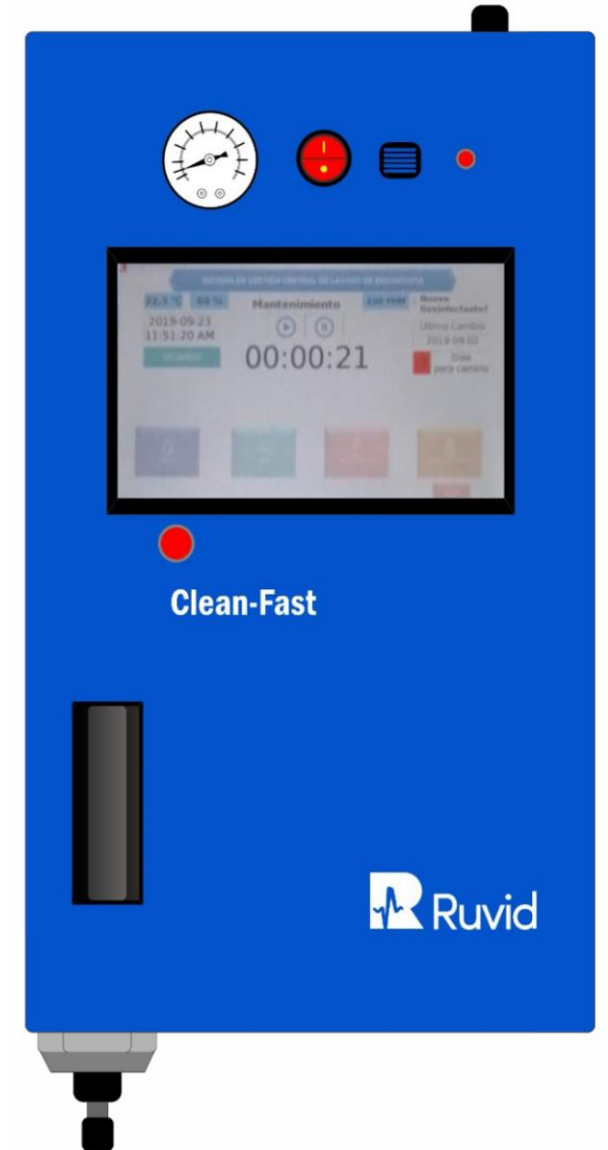
We are a company with more than 8 years of experience in research and technological development focused on medical applications, we work for the well-being of patients, health personnel and to improve the quality of health care services by working on research, development and innovation (R+D+i) for the development of cutting-edge medical technology of the highest quality on the market.

Our research areas are: Endoscopy, Gynecology, Pathology

¿About us?



In endoscopy we have developed the Innovative technological equipment called Clean-Fast which, thanks to its level of innovation, is patent registered in Colombia and internationally before Ompi (PCT).





The image shows two medical professionals in a clinical setting, wearing scrubs and masks. They are positioned on either side of a large, dark-colored machine with a central digital display. The machine has a circular gauge at the top and a screen showing a timer at '00:00:00'. The scene is dimly lit with a blue tint.

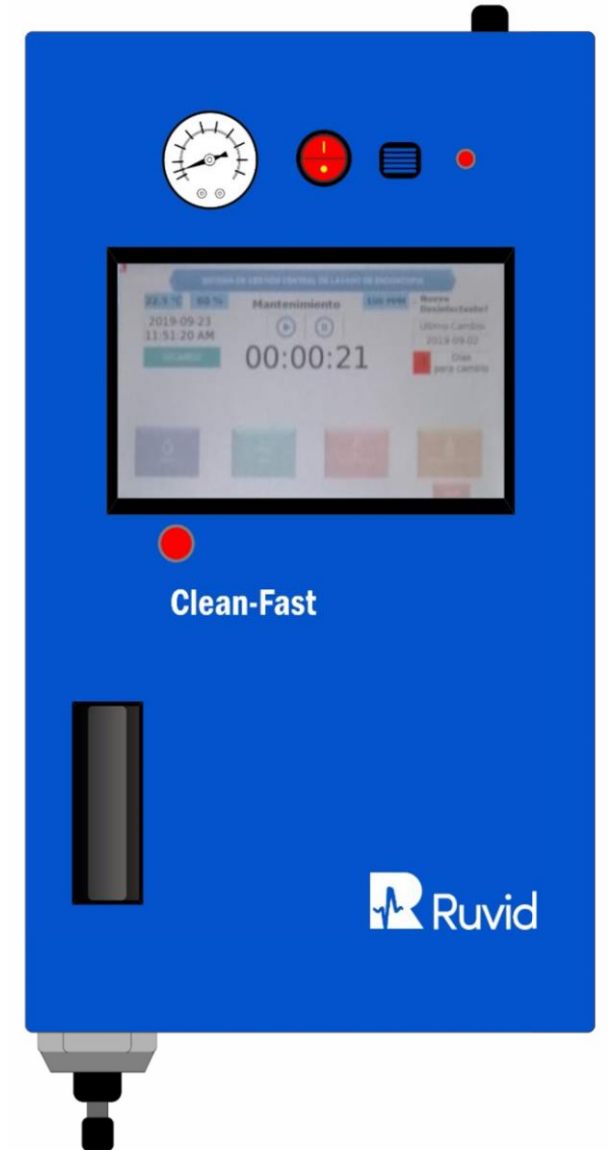
Flexible Endoscope Reprocessing

Clean-Fast
Productivity and safety for patients

Clean-Fast

Is a device for reprocessing endoscopes which incorporates the following functions:

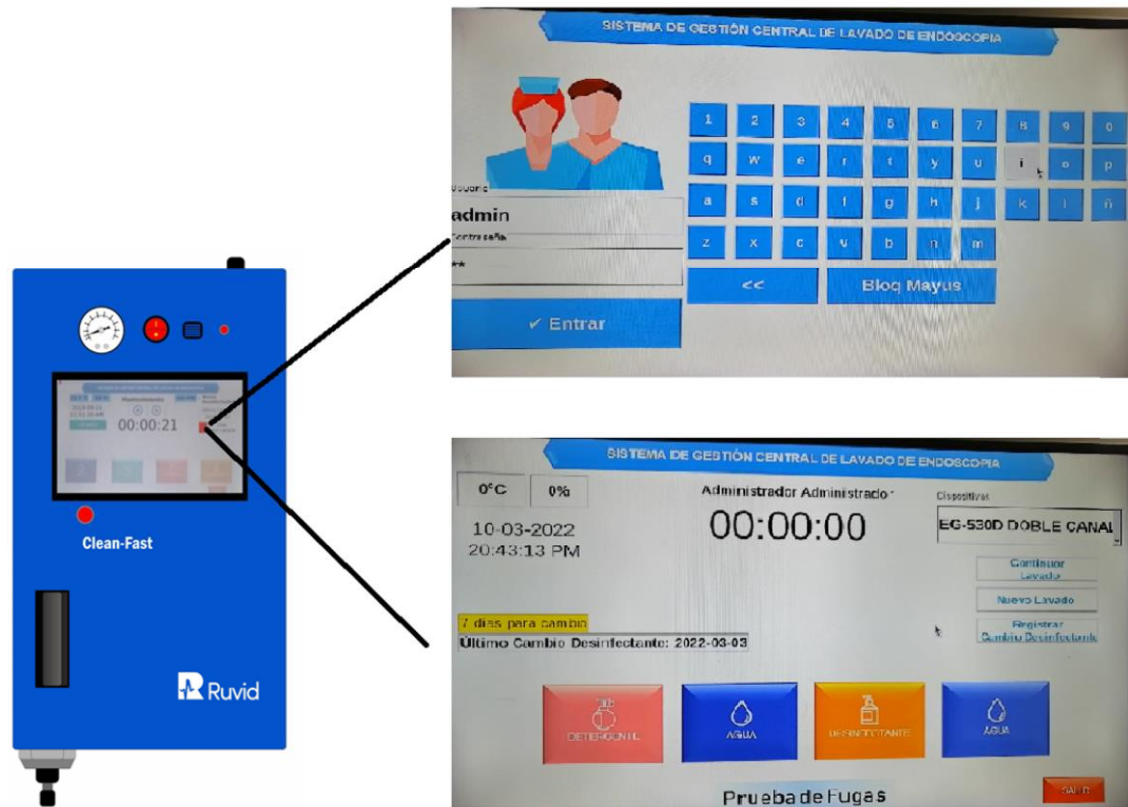
- Leak test
- Clean
- Rinse
- Disinfect and dry endoscope chan



Features

Provide a standardized and validated reprocessing cycle in a closed environment:

- Does not use pump for liquid supply
- Temperature and humidity indicator
- Reminder to change disinfectant
- Low energy consumption
- Includes the drying of the channels
- Reduce reprocessing time by 40%
- Communication interface with touch screen user
- Wi-Fi connection
- Ethernet port

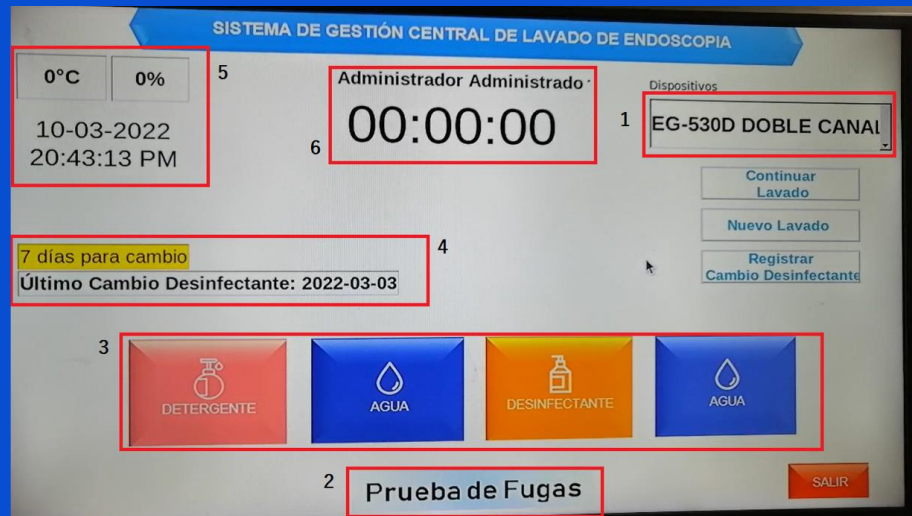


- Document process steps automatically (via management software).
- Reduce reprocessing time.
- Provide robust and reproducible reprocessing.
- Minimize environmental pollution
- Facilitate the work carried out by the staff
- Reduce the risk of damage to endoscopes
- Relate preventative maintenance of endoscopes to reprocessing

Communication interface with touch screen user

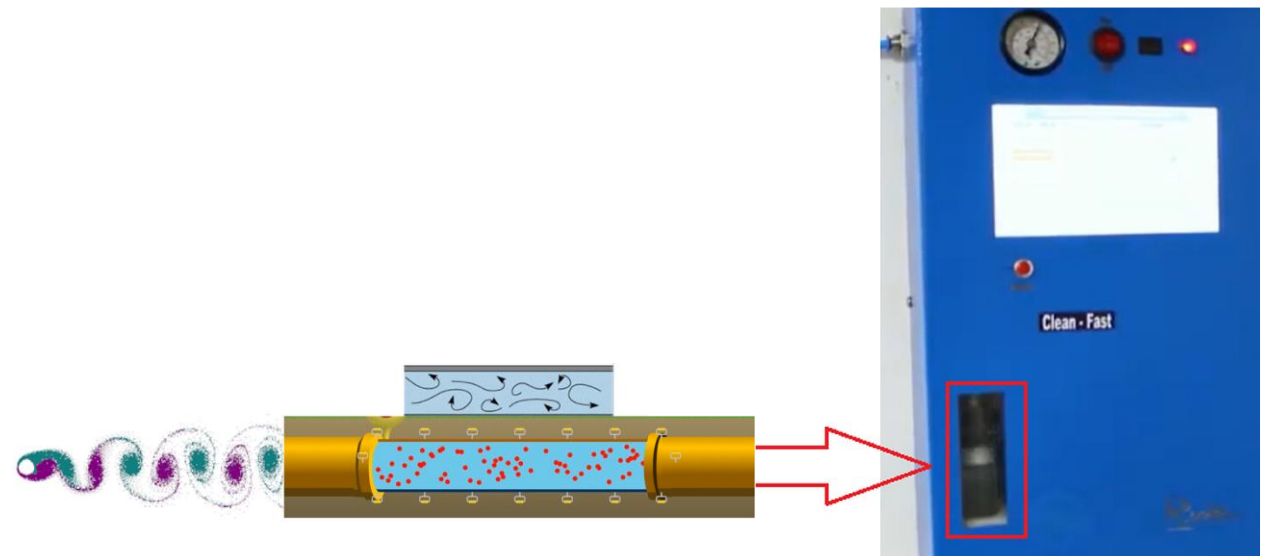
1. To start the reprocessing process we must enter with a username and a password which guarantees us to keep a record of the person who carried out the reprocessing.






1. Identification of the endoscope to be reprocessed.
2. Leak test
3. Cleaning, rinsing disinfection and drying
4. Indication of the last date that the disinfectant was changed
5. Date and time of reprocessing
6. person who performed the reprocessing

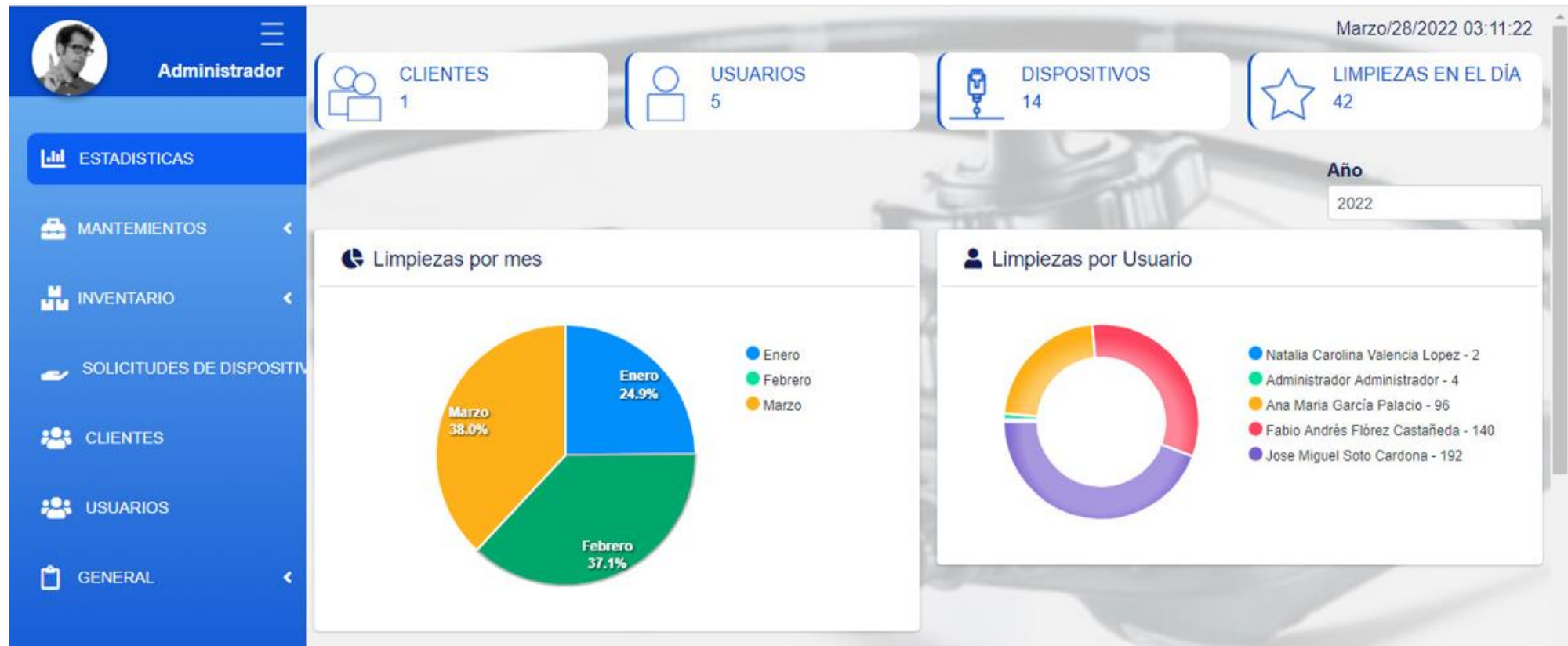
The Clean-Fast linear system provides a **turbulent flow inside the endoscope** channel to improve the sweep of microorganisms and reduce endoscope irrigation and reprocessing time by 40%



The image shows two individuals in a clinical or laboratory setting, wearing full protective gear including masks, face shields, and hairnets. They are positioned on either side of a central piece of equipment. The person on the right is gesturing towards a screen on the device. The entire scene is bathed in a blue light, creating a sterile and high-tech atmosphere. The central device has a digital display showing a timer at 00:00:00 and some status indicators. The background is a plain, light-colored wall.

After performing the reprocessing of the endoscopes, all the information is stored in the cloud where we can access it from a management software and verify the conditions of


Graphic information of the reprocessing



All reprocessing information is stored in the management software with information such as: series of equipment to be reprocessed, date and time of reprocessing, person who performed the reprocessing, environmental conditions, conditions of the disinfectant

SERIE↕	DISPOSITIVO EN FUGA↕	NOMBRE↕	APELLIDOS↕	FECHA DE REALIZACIÓN↕	TERMINADA↕
EG-530FP ENDOSCOPIO CONVENCIONAL	X	Jose Miguel	Soto Cardona	28/03/2022 14:27	✓
EC-530WL3 COLONOSCOPIO C	X	Jose Miguel	Soto Cardona	28/03/2022 12:48	✓
EC-590ZW/L COLONOSCOPIO M	X	Jose Miguel	Soto Cardona	28/03/2022 12:07	✓
EG-530N NASOENDOSCOPIO	X	Jose Miguel	Soto Cardona	28/03/2022 11:38	✓
EC-590ZW/L COLONOSCOPIO M	X	Jose Miguel	Soto Cardona	28/03/2022 11:12	✓
EG-590ZW ENDOSCOPIO MAGNIFICACION	X	Jose Miguel	Soto Cardona	28/03/2022 10:54	✓
EC-590ZW/L COLONOSCOPIO M	X	Jose Miguel	Soto Cardona	28/03/2022 10:15	✓

The reprocessing information is automatically and unlimitedly stored in the software step by step



Operaciones de Limpieza para el dispositivo EG-530FP ENDOSCOPIO CONVENCIONAL

Tipo de Operación Realizada	Realizador	Temperatura Promedio (°C)	Humedad Promedio (%)
Detergente	miguelsoto20	23,26	70,09
Aire	miguelsoto20	23,2	70,7
Agua	miguelsoto20	23,15	73,88
Aire	miguelsoto20	23,1	62,98
Desinfectante	miguelsoto20	23,11	76,88
Aire	miguelsoto20	23,2	82,38
Agua	miguelsoto20	23,23	74,33
Aire	miguelsoto20	23,18	65,58

Administrador

ESTADISTICAS

MANTEMIENTOS

INVENTARIO

SOLICITUDES DE DISPOSITIVO

CLIENTES

USUARIOS

GENERAL

SALIR

Filtrar

Excel

TERMINADA

Cerrar

Potential market



As for the endoscope reprocessor market in North America, it is valued at **USD 0.59** billion and is expected to reach **USD 0.88** billion by 2026, with a CAGR of 8.5% between 2021-2026. This market is also segmented by product, end user and country (U.S., Canada and the rest of North America) (Market Data Forecast, 2021).



At the Latin American level, the endoscope reprocessor market is valued at **USD 0.16** billion in 2021, and is expected to reach **USD 0.25 billion** in 2026 with a CAGR of 8.58% between 2021 and 2026. (Market Data Forecast, 2021)



Thanks to the level of innovation of Clean-Fast, we have managed to differentiate our equipment on a large scale, unlike some brands in the market where our great differentiator is that we cover 90% of the steps for the reprocessing of endoscopes that start from the endoscope leaks.

The equipment that exists in the market includes cleaning and disinfection the clean-fast incorporates leak test, cleaning, disinfection, drying and additional management software

Certifications



República de Colombia
Ministerio de Salud y Protección Social
Instituto Nacional de Vigilancia de Medicamentos y Alimentos – INVIMA
CERTIFICACIÓN No. 2020030137

LA SUSCRITA DIRECTORA TÉCNICA DE DISPOSITIVOS MÉDICOS Y OTRAS
TECNOLOGÍAS DEL INVIMA CERTIFICA QUE:

Que hasta la fecha y de conformidad con nuestra Legislación Sanitaria vigente, el producto:
CLEAN-FAST - IRRIGADOR DE LÍQUIDOS PARA LOS CANALES DE LOS ENDOSCOPIOS,
MARCA: RUVID

Está contemplado entre los productos que NO requiere Registro sanitario para su
fabricación, importación o comercialización en Colombia

INTERESADO: RUVID S.A.S
SOLICITANTE: OLARTE MOURE & ASOCIADOS SAS
RADICACIÓN: 20201221303
FECHA RADICACIÓN: 25/11/2020

INDICACIONES Y USO: dispositivo tecnológico de apoyo en el procesamiento de
endoscopios que agiliza el proceso de irrigación y secado de los canales de los endoscopios
reduciendo el uso de insumos desechables en la central de procesamiento. Apoya la
irrigación y el secado de los canales de los endoscopios.

Nota: El Clean- Fast no es un equipo de desinfección, para una desinfección adecuada de los
endoscopios se debe seguir las recomendaciones de los fabricantes de los desinfectantes.

PRESENTACION COMERCIAL: Caja * 1 Equipo de irrigación de líquidos

COMPONENTES Y COMPOSICIÓN:
En la parte frontal el dispositivo cuenta con:

1. Un switch de encendido
2. Un indicador auditivo
3. Un indicador visual, led luminoso
4. Un manómetro de presión
5. Una pantalla Touch Cream
6. Una botón de reset
7. Un contenedor de líquidos
8. Una válvula de conexión de mangueras al endoscopio
9. Una etiqueta con la información del equipo (modelo, serie, fabricante, país de origen)

OBSERVACIONES: Se presenta un cambio de color de la coraza del aparato, sin cambiar
ninguna de las características del funcionamiento del equipo.

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Oficina Principal: Cra 10 N° 64 - 28 - Bogotá
Administrativo: Cra 10 N° 64 - 00
(0) 20487000
www.invima.gov.co



Fluke Biomedical Ansur Test and Inspection Procedure

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Test record

TEST PASSED

Test performed	Date	Assur component used	Version
202102-1	22/03/2021	Assur	Version 2.9.7
202102-1-ntf		Plug-in: ESA620	Version 1.1.11
Template:	IEC 60601-1 - CL2.mtl		

Test setup

Selections

Service events performed	Standards performed
	IEC 60601

Device under test

Serial number	Type	Model
202102-1	CLEAN-FAST	AM-1
Appliance code	Group	Location
Status	Manufacturer	Address 1
Manufacturer	RUVID S.A.S	Address 2

MTI Data

Test instrument	Serial number	Firmware version
ESA 620	3291049	v2.10

Signatures



INFORME MICROBIOLÓGICO DEQUIPO ENDOSCOPIO OIYMPUS
Fecha y Hora de Recepción de muestra 29 03 2019 16:20. Fecha de Reporte 29 04 2019 10:14

Muestras tomadas por Mercedes Figueroa Macca

1. Muestras transportadas en medio de Transporte Stuart:

Muestra 1 Conectores de canales del endoscopio recién desinfectado con equipo **Cleanfast I**

Muestra 2. Control y mandos del endoscopio recién desinfectado con equipo **Cleanfast I**

2. Muestras tomadas apartir de lavado con Tioglicolato recién desinfectado con equipo **Cleanfast I**

Muestra 1 con Tioglicato en el Canal auxiliar del endoscopio recién desinfectado con equipo **Cleanfast I**

Informe de resultados de microbiología

Muestra 1 Conectores de canales del endoscopio.

No	Análisis Microbiológicos	Técnica de Análisis	Resultado
1	Aerobias Recuento en placa	Recuento en placa	0 UFC
2	Anaerobias Recuento en placa	Recuento en placa	0 UFC
3	Pseudomonas Aeruginosa Presencia/Ausencia	Cualitativo e Identificación	Negativo
4	Gram Positivo (<i>Staphylococcus</i> Coagulasa Positiva)	Cualitativo e Identificación	Negativo
5	Coliformas Totales	Recuento en placa	Negativo
6	Coliformas Fecales	Recuento en placa	Negativo
7	E.Coli y Klebsiella	Identificación	Negativo
8	Racvate a partir de Tioglicolato	Identificación	Negativo
9	Recuento de Mohos y Levaduras	Identificación	Negativo

Resultado: a las 24, 48 y 72 horas de incubación no se observa crecimiento bacteriano
Validado 04 04 2019 12:15 por



Cultivo para HONGOS

Resultado: A los 30 días de incubación no se observa crecimiento para Hongos

Validado 29 04 2019 10:14 por



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