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CHM MEDİKAL

Determined to to conduct its background from sales, marketing and medical again within the medical sctor for long year in a honest and reputable manner. CHM MEDIKAL has been established as a result of long market and commercial backgrounds and medical insight.

CHM MEDIKAL, established in order to meet the needs of the health sector, gained its place in the sector with its young, dynamic and experienced staff; its competitive products of good quality, and continuous its activities in the medical area.



Our Vision

To continously meet the demands according to the needs of the heatlh sector, and to ensure, that our company reaches its deserved reputability within the sector and consolidate its corporate structure.

Our Mission

Unifying our accumulations from the past and understanding with the dynamics of the health sector, to execute our activities under the extent of respect and reputability pursuant to the princiles of being useful to the sector, esteement health employees of the sector, the individuals we stay in relation, our environment and our establishment with the win-win principle

OUR VALUES

Our values reflecting our company's management understanding and our manner to do business constitute our professional ethic rules, which we use in our communication with our business partners, employees and the society.

1

Future and result focused

Our actions are result focused. This enables us to secure our future. Further it constitutes a sound basis for our company's social responsibility initiatives.

2

Responsibility and sustainability

We act regardfully and responsible for the society and environment.

3

Initiative and determindness

We act initiative taking, assume the responsibilities of the steps we make as enterpriser and go after our targets resolutely. 4

Explicity and trust

We communicate important company subjects timely and explicitly. Thus we create the basis of a collaboration based on trust.

5

Fairness

We approach our employees and business partners in a fair manner and consider this fair approach as the keystone of our corporate success. 6

Reliability, credibility and Legal conformity

We make only promises we are able to fulfill and consider our promises as our duty. We act in legal conformity regarding all our business relations. 7

Diversity

We appreciate the value of richness brought by diversity and regard it as the source of our success.

OUR QUALITY STANDARDS



















STEAM CHEMICAL INDICATORS TYPE 4 - 5 - 6

WİSAS **STEAM** Chemical Indicators are chemical indicators, which are recognized by ISO 11140-1, turning from blue to black or pink to black, and a Sterilizer showing the exposure to steam sterilization process.

These process indicators used for any packed products inside a pack, bag, case ensure the assurance of steam penetration to the packs. These chemical indicators are intended for the use in steam sterilization cycles operating at temperatures of 250°F (121°C), 270°F (132°C), 273°F (134°C) and 275°F (135°C).

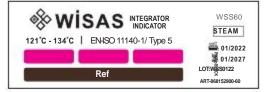
- Easy to interprete the results through a certain colour change.
- Lot number and expiration date printed on each strip for easy traceability.

İşlem Görmemiş Şerit Unprocessed Strip

Type 4















İşlem Görmüş Şerit Passed Strip









STEAM TYPE 5 PROGRESSIVE INTEGRATOR

When exposed to the steam sterilizer cycle the steam penetrates to the polypropylene lid and contacts with the steam-sensitive chemical inside. Exposure to the steam reduces the melting point of the specially formulated chemical. As the chemical melts it is absorbed to the cord paper and progresses turing the strip into black. The indicator does not reach its final point unless inactivated.

When the integrator indicator crosses the length of the dark line stip and enters to the "ACCEPT" area, it approves that all critical steam sterilization parapeters are fulfilled. After entering to the bold line "ACCEPT" area, the user is sure that the targeted sterilization conditions are met.

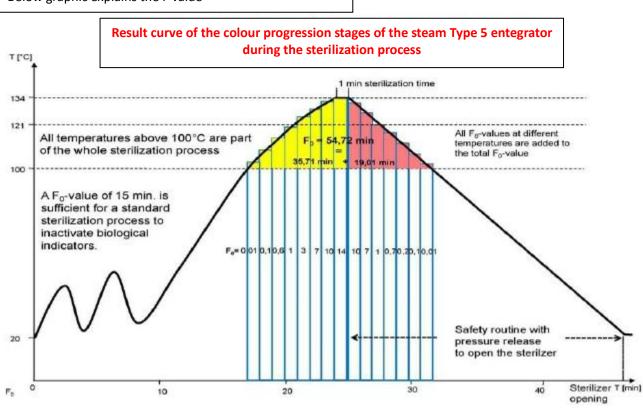
İşlem Görmemiş Şerit Unprocessed Strip



İşlem Görmüş Şerit Passed Strip



Below graphic explains the F value



WISAS Bowie & Dick Test Packs are disposable and pre-packed test packs, designed in order to assess the air outlet performances of steam sterilization devices with pre-vacuum system operating in compliance with the EN 285 standard and at 134°C and 3,5 minute parameters.

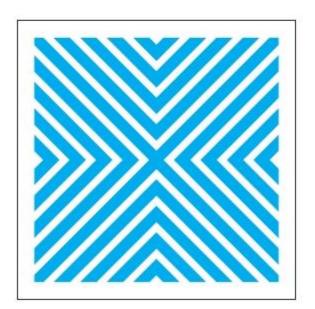
A water-based and non-toxic indicator printed test card is placed in the mid of every pack.

The homogenous colour conversion of the indicator after the steam sterilization indicates that the entire air inside the vessel is replaced with steam.

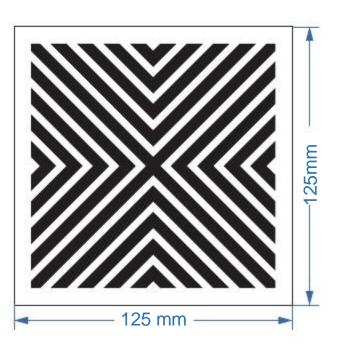
The rear surface of the test card has fields completable for traceability purposes and can be maintained for permanent record purposes. 200 and 400 sheet options are available.

HOSPITAL		
AUTOCLAVE NO	- ASSA	
CYCLE NUMBER	- 450	
OPERATOR		
DATE	WISA	12
NOTE		
RESULT	PASS	FAIL
ss30 ② 😂	:12/2021 :12/2026	Class 2-4
	Bowie Dick Otokla wie&Dick Autoclay	

İşlem Görmemiş Şerit Unprocessed Strip



İşlem Görmüş Şerit Passed Strip



STEAM LOAD CONTROL TEST

New application in sterilization methods (product release depending on the sterilization parameters) are measured by means of apparatus simulated under stringent sterilization conditions i.e. PCD used in every cycle.

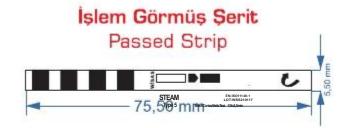
It is quite difficult to ensure in central sterilization units complicated sterilization conditions i.e. PCD. Besides manpower and time loss, its standardization is not possible. It is not suggested due to the high error margin. Alternatively, ready-to-use load control test apparatus are suggested, which have been tested with the simulation of stringent sterilization conditions for the control of every sterilizer load.

In the WISAS load control test apparatus, all these error margins have been minimized and its utilization has been made quite practical. Using a load control test, for the control of every sterilizer cycle the colour change of the load integrator or emulgator, apparatus test indicator only inside the apparatus is sufficient.

The WISAS load control test apparatus measures under the most compliated conditions with integrators and emulgators with high safety factor. Accordingly, it enables to be more flexible in selecting of the pouchinner chemical indicator and to use a chemical indicator with lower cost. Also in AAMI's interpretation "it is required to use for steam sterilizer a certain amount of biological indicators at certain intervals i.e. monthly, weekly" is the selection of the minimum test number faciliated.

İşlem Görmemiş Şerit Unprocessed Strip







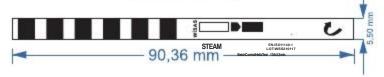
BOWIE-DICK HELIX TEST

PCD-A-3.5 B&D / Bowie-Dick Simulation Test in order to be used in the Helix-PCD System. Sterilizer tracking. These are laminated self-adhesive strips printed with indicator ink for the steam sterilization process. B&D cycle: 3,5 min. 134°C. Turns from pink to black. ISO 11140-1 Type 2.

Bowie-Dick test simulation (Type 2014 Chemical Indicator according to ISO 2-11140:1) for use with the Helix-PCD system in order to control the steam sterilization processes. Indicators are 100% free of toxic heavy metals.

İşlem Görmemiş Şerit Unprocessed Strip İşlem Görmüş Şerit Passed Strip





CONTAINER FILTER ROUND & RECTANGLE

Materials used for the container filtre, which is an effective barrier, are manufactured Resistant to vacuum and steam movements.









- Water-based and non-toxic chemical indicator has been used.
- Easy to read and interpret.
- Complying with ISO 11140-1.

CONTAINER LOCK with & without INDICATPOR

containers are locked using disposable plastic safety locks; these lock can only be break opened. The container will be locked prior to the sterilization process and has the function of security in order to prevent opening by unauthorized persons after the sterilization process. It is the most simple method to mark and identify the containers to be sterilized.

- Water-based and non-toxic chemical indicator
- Easy to read and interpret
- Complying with ISO 11140-1

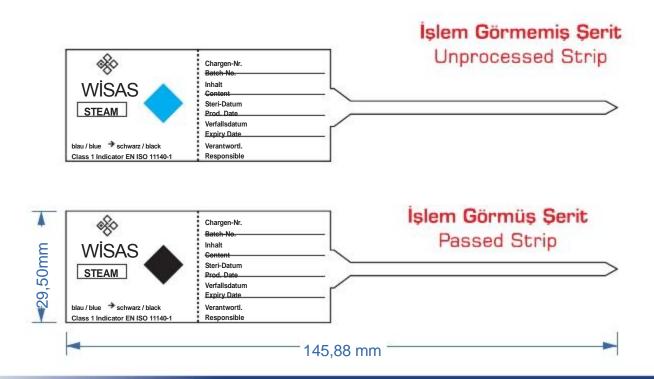




CONTAINER SEALING LABEL

Self-adhesive container sealing lable with process indicator Contains an area for 3-line labels.

These labels cannot be opened without being pulled-off after sterilization; do not leave any wastes in the nature.

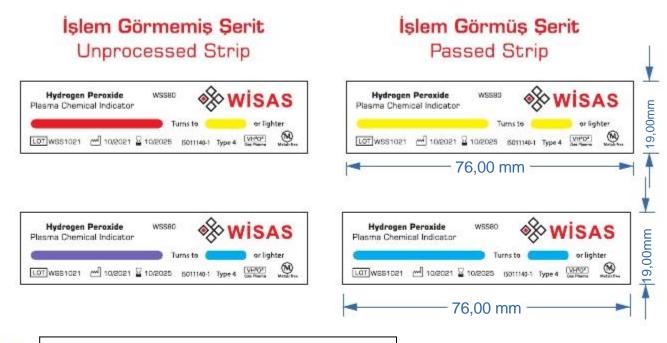


HYDROGEN PEROXIDE CHEMICAL INDICATOR

WISAS Plasma sterilization indicator strips are placed inside the packs to be sterilized in the Plasma Sterilizers. The indicator ink undergoes a colour change from red to yellow or from purple to blue if exposed to the sterilization conditions of the Plasma Sterilizers. This products has met all properties of the Process Indicator as explained in ISO 11140-1, 2014.

WISAS Chemical Indicators ensures a fast and reliable indication of the sterilization penetration.

- Manufactured without heavy metals free of lead and other heavy metals.
- Manufactured without latex there are no concern in respect of latex and dry natural rubber sensitivity.
- Vibrant color change ensures an easy interpretation of the indicator results.



ETHYLENE OXIDE INDICATOR TYPE 5

Wisas Type 5 ethylene oxide (EO) indicator strips are manufactured in compliance with the ISO 11135 standard and designed in order to be used in ethylene oxide sterilizers. Indicator strips can be used inside every bag our pouch and provide information about the penetration of the ethylene oxide gas into the package.

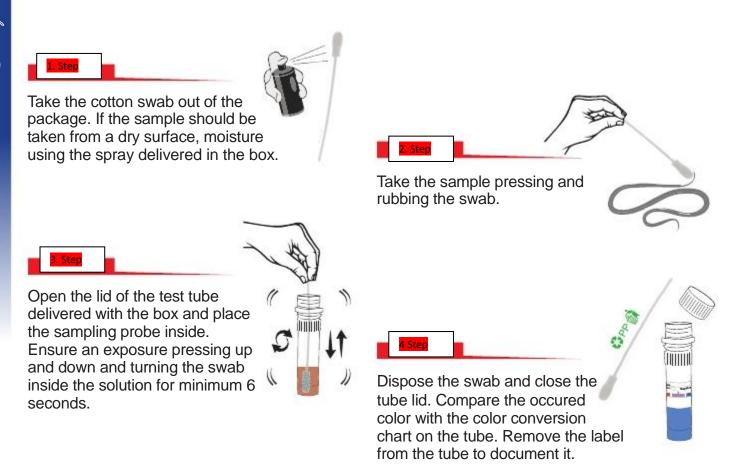
A water-based and toxic substance free chemical indicator complying with the ISO 11140-1 standard represents after a successful ethylene oxide sterilzation a colour conversion from red to yellow.



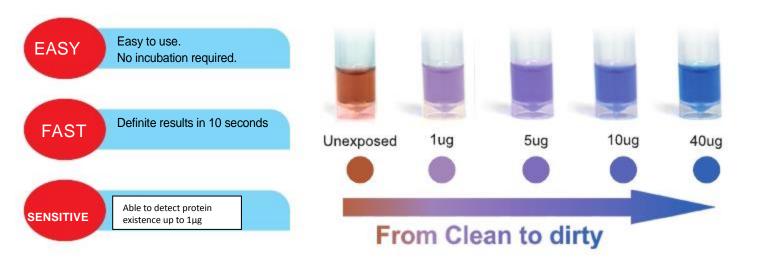


ORGA-CHECK PROTEIN RESIDUE DETECTION KIT

the protein test is a product used in oder to perform the test of protein residues, which may remain on surgical instruments. The colour change without the need of an external device attains the result easily and rapidly in 10 seconds. As high the protein residue level is the result will convert faster and gradually into purple and thereafter into blue color.



[The color occuring on the cotton of the wipe swab, does definitely not provide an idea regarding the surface of sampling]



INOGRA-CHECK CONTAMINATION RESIDUE DETECTION TEST

Wisas İnorganic contamination test is a rapid test capable to detect hard water wases, metalic wastes i.e. Ca, Mg, Carbonate and any types of alkali residues.

This test kit is based on a solution paint binder, which is used in clinic chemistry, and is capable to detect inorganic contamination residues up to a sensitivity of 1 µg.

- Complying with BS EN ISO 15883
- Result within 10 seconds
- Easy to use
- No incubation required
- Net colour change
- Cost-effective



Take the cotton swab out of the package. If the sample should be taken from a dry surface, moisture using the spray delivered in the box.



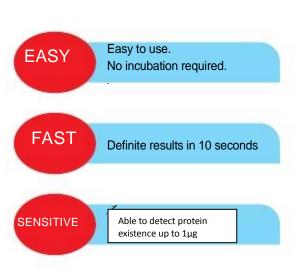
Take the sample pressing and rubbing the swab.



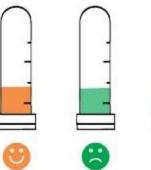
Open the lid of the test tube delivered with the box and place the sampling probe inside. Ensure an exposure pressing up and down and turning the swab inside the solution for minimum 6 seconds.



Dispose the swab and close the tube lid. Compare the occured color with the color conversion chart on the tube. Remove the label from the tube to document it.







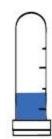
Unexposed





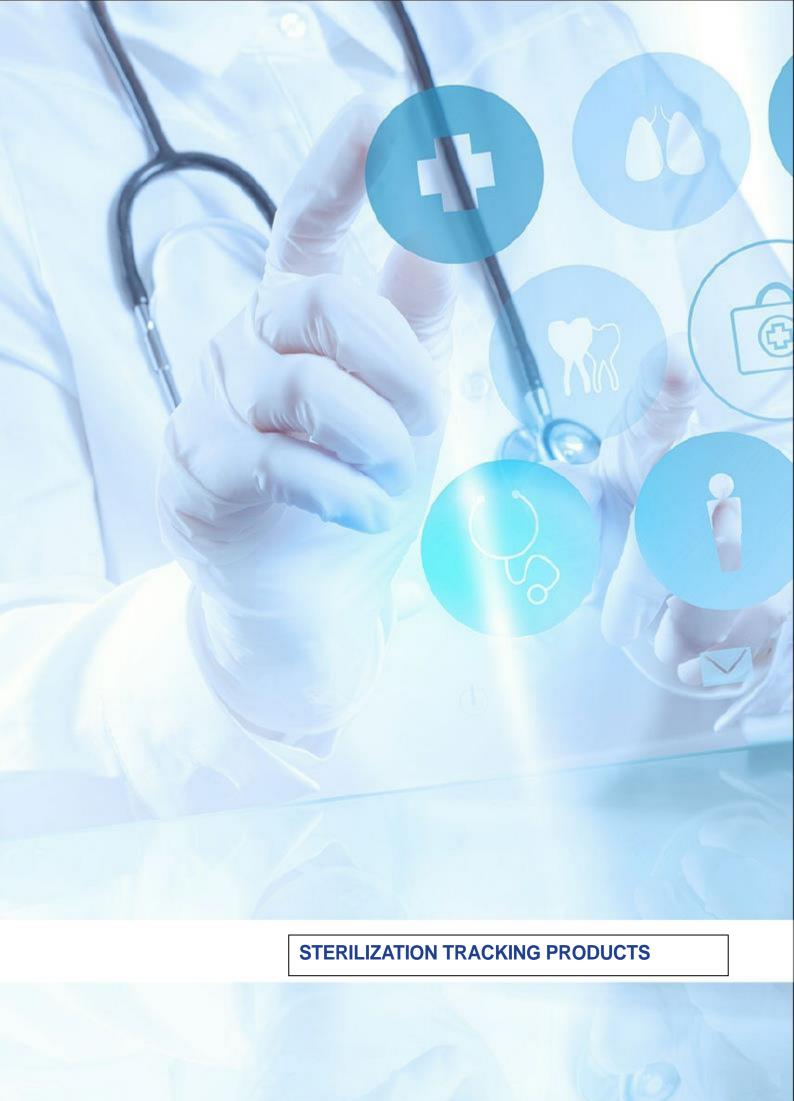








control



STEAM & PLASMA & EO DOCUMENTATION LABEL

WISAS three line double-adhesive indicator labels are designed for the steam, plasma and ethylene oxide sterilization methods.

ISO 11140-1 standard compliant and lead free chemical indicator represents a net colour conversion after a successful sterilization cycle.

Sterilization and expiration date, autoclace and cycle numbers are easily applicable on the labels with <u>WİSAS</u> Label Gun ____ in order to ensure the traceability.





LABEL GUN

WISAS Label Gun provides an easy utilization and printing solution for indicator labels used for recording purposes. Indicator labels are designed in order to create a direct connection between the sterilization process and the patient, and for tracking purposes. The label gun is used to print important traceability information i.e. sterilization and expiration date, operator code, autoclave

WISAS label guns are provided with the three-line printing feature.



number and cycle number.

SURGICAL INSTRUMENT IDENTIFICATION BAND

Every kind instrument Identification Band has the size of a A4 page and is separated in various sizes.

Each layer is made of totally 297 strips in below mentioned various dimensions

*231 strips each 2.54 cm long

*44 strips each 3.81 cm long

*11 strips each 5.08 cm long

*11 strips each 12.70 cm long.

Totally 251 different color options are provided.



WISAS SOLID COLOURS

WSS-2171

WSS-2181

WSS-2172

WSS-2182

 m_{MM}





WSS-2173

WSS-2183



WSS-2175

WSS-2185

全全全全

 $I_1I_1I_1I_1I$

WSS-2176

WSS-2186

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WSS-2177

 $I_1I_1I_1I_1I_1$

WSS-2187

WSS-2184

SURGICAL INSTRUMENT IDENTIFICATION BAND

WISAS FIGURES

WSS-2201	WSS-2202	WSS-2203	WSS-2204	WSS-2205	WSS-2206	WSS-2207
0000	0000	0000	0000	0000	0000	0000
WSS-2211	WSS-2212	wss-2213	WSS-2214	WSS-2215	WSS-2216	WSS-2217
WSS-2221	WSS-2222	WSS-2223	WSS-2224	WSS-2225	WSS-2226	WSS-2227
2222	2222	2222	2222	2222	2222	2222
WSS-2231	WSS-2232	WSS-2233	WSS-2234	WSS-2235	WSS-2236	WSS-2237
3333	3333	3333	3333	3333	3333	3 3 3 3
WSS-2241	WSS-2242	WSS-2243	WSS-2244	WSS-2245	WSS-2246	wss-2247
WSS-2251	WSS-2252	WSS-2253	WSS-2254	WSS-2255	WSS-2256	WSS-2257
5555	5555	5555	5555	5555	5555	5555
WSS-2261	WSS-2262	WSS-2263	WSS-2264	WSS-2265	WSS-2266	WSS-2267
6666	6666	6666	6666	6666	6666	6666 wss-2277
WSS-2271	WSS-2272	WSS-2273	WSS-2274	WSS-2275	WSS-2276	7777
WSS-2281	WSS-2282	WSS-2283	WSS-2284	WSS-2285	WSS-2286	WSS-2287
8888	8888	8888	8888	8888	8888	8888
A MICAGUET						

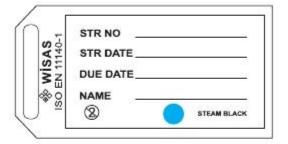
WISAS LETTERS

WSS-2301	WSS-2302	WSS-2303	WSS-2304	WSS-2305	WSS-2306	WSS-2307
WSS-2311	WSS-2312 BBBB	WSS-2313 BBBB	WSS-2314 BBBB	WSS-2315 BBBB	WSS-2316 BBBB	WSS-2317
WSS-2321	WSS-2322	WSS-2323	WSS-2324	WSS-2325	WSS-2326	WSS-2327
WSS-2331	WSS-2332	WSS-2333	WSS-2334	WSS-2335	WSS-2336	WSS-2337
WSS-2341	WSS-2342 GGGG	WSS-2343	WSS-2344 GGGG	WSS-2345 GGGG	wss-2346	WSS-2347
WSS-2351	WSS-2352	WSS-2353	WSS-2354	WSS-2355	wss-2356	WSS-2357
WSS-2361	WSS-2362	WSS-2363	WSS-2364 KKKK	WSS-2365	WSS-2366	WSS-2367
WSS-2371	WSS-2372	WSS-2373	WSS-2374	WSS-2375	WSS-2376	WSS-2377
WSS-2381	WSS-2382	WSS-2383	WSS-2384	WSS-2385	WSS-2386	WSS-2387
WSS-2391	WSS-2392	WSS-2393	WSS-2394	WSS-2395	WSS-2396	WSS-2397
WSS-2401	WSS-2402	WSS-2403	WSS-2404	WSS-2405	WSS-2406	WSS-2407

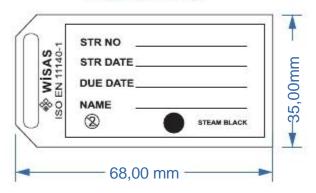
CONTAINER LABEL LARGE & SMALL

WISAS Container Labels are important assistant products for labelling and marking containers. WISAS Container Label with Indicator are placed outside of each container for easy identification of its content. Details i.e.sterilization date, sterilization expiration date, operator ame, lot number, autoclave details are indicatable on the label. The chemical indicator provides information about the sterilization.

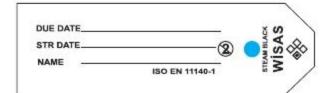
İşlem Görmemiş Şerit Unprocessed Strip



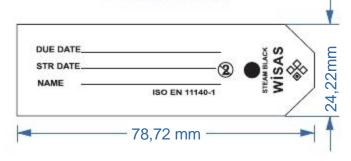
İşlem Görmüş Şerit Passed Strip



İşlem Görmemiş Şerit Unprocessed Strip



İşlem Görmüş Şerit Passed Strip





STEAM & PLASMA AUTOCLAVE BAND

WISAS autoclave bands are a safe solution for covering materials used for packaging. Process indicators, which are easy visible and having net colour conversion features and printed on the bands, enable to understand whether the package is subjected to sterilization.

Autoclave bands are suitable for steam and plasma sterilization methods and ensure a clean strip-off from package. All band sizes are provided with or without indicator printing.





STERILIZATION ROLL

WISAS sterilization rolls designed as a packaging solution for sterilization applications ensure the safe protection of the medical device against bacteria until utilization after sterilization.

Thanks to its plain and expandable options and broad standard size range it faciliates the package selection suitable for your medical materials.

WISAS sterilization rolls are manufactured from transparent multi-layer PET/PP film and medical paper. Water-based and non-toxic and ISO 11140-1 standard compliant steam, ethylene oxide and plasma process indicators are applied on the paper surface and ensure distinguishing of processed and unprocessed packages.





WRAP PAPER & CREPE PAPER & SMS WRAP PAPER

Sterilization Pouch

Wrap Paper 20 cm x 20 cm
Wrap Paper 30 cm x 30 cm
Wrap Paper 40 cm x 40 cm
Wrap Paper 50 cm x 50 cm
Wrap Paper 60 cm x 60 cm
Wrap Paper 70 cm x 70 cm
Wrap Paper 80 cm x 80 cm
Wrap Paper 90 cm x 90 cm
Wrap Paper 100 cm x 100 cm
Wrap Paper 120 cm x 120 cm
Wrap Paper 130 cm x 130 cm
Wrap Paper 130 cm x 150 cm
Wrap Paper 140 cm x 140 cm
Wrap Paper 150 cm x 150 cm
Wrap Paper 150 cm x 150 cm
Wrap Paper 160 cm x 160 cm





Crepe Paper / Paper 20 cm x 20 cm
Crepe Paper / Paper 30 cm x 30 cm
Crepe Paper / Paper 40 cm x 40 cm
Crepe Paper / Paper 50 cm x 50 cm
Crepe Paper / Paper 60 cm x 60 cm
Crepe Paper / Paper 70 cm x 70 cm
Crepe Paper / Paper 80 cm x 80 cm
Crepe Paper / Paper 90 cm x 90 cm
Crepe Paper / Paper 100 cm x 100 cm
Crepe Paper / Paper 120 cm x 120 cm
Crepe Paper / Paper 130 cm x 130 cm
Crepe Paper / Paper 130 cm x 150 cm
Crepe Paper / Paper 140 cm x 140 cm
Crepe Paper / Paper 150 cm x 150 cm
Crepe Paper / Paper 150 cm x 150 cm
Crepe Paper / Paper 160 cm x 160 cm

SMS Wrap Paper 20 cm x 20 cm SMS Wrap Paper 30 cm x 30 cm SMS Wrap Paper 40 cm x 40 cm SMS Wrap Paper 50 cm x 50 cm SMS Wrap Paper 60 cm x 60 cm SMS Wrap Paper 70 cm x 70 cm SMS Wrap Paper 80 cm x 80 cm SMS Wrap Paper 90 cm x 90 cm SMS Wrap Paper 100 cm x 100 cm SMS Wrap Paper 120 cm x 120 cm SMS Wrap Paper 130 cm x 130 cm SMS Wrap Paper 130 cm x 150 cm SMS Wrap Paper 140 cm x 140 cm SMS Wrap Paper 150 cm x 150 cm SMS Wrap Paper 150 cm x 150 cm SMS Wrap Paper 150 cm x 150 cm SMS Wrap Paper 160 cm x 160 cm SMS Wrap Paper 160 cm x 160 cm

SMS WRAP PAPER





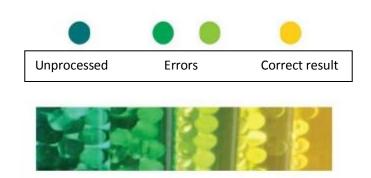


ULTRASONIC EFFICIENCY TEST KIT

WISAS Wave Check is designed to ensure routine control and tracking of the cleansing process of ultrasonic washing machines operating at temperatures between 18°C – 60°C and 35 kHz equal or higher frequencies.

When the cavitation energy is sufficient, the vibration of the glass pearls ensure in the solution a colour change from green to yellow or from red to yellow.





WASHING EFFICIENCY TEST KIT

WISAS Washing indicato ensures the control of the cleanining efficiency during the routine operation of the washer-disinfectors. The routine utilization of this test ensures that your washer shows performance on a consistent level and will assist the performance of visual checks of the instruments. In case of negative results; the user has to check the quality & quantity of the disifectant, the cleaning time, temperature and general status of the washer.

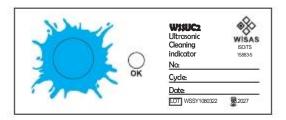


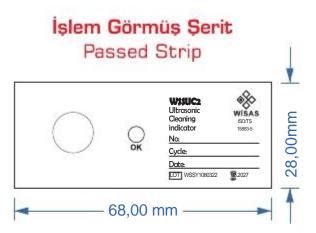
ULTRASONIC WASHING EFFICIENCY INDICATOR POLYMER

Control of the cleaning and washing process of medical instruments and materials is quite important. Due to its effect on the success of the disinfection and/or sterilization procedure made after the result. Indicators are specially combined coloured organic components. Formulation of the indicators detect all factors affecting the result of the cleaning / washing result. The indicators can be used for routine tracking of the cleaning procedures, and tracks the washing efficiency in the ultrasonic machines according to the different washing and thermo-disinfection configurations.

Polymer and aluminum options are available.

İşlem Görmemiş Şerit Unprocessed Strip



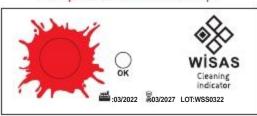


WASHING EFFICIENCY INDICATOR

Control of the cleaning and washing process of medical instruments and materials is quite important. Due to its effect on the success of the disinfection and/or sterilization procedure made after the result. Indicators are specially combined coloured organic components. Formulation of the indicators detect all factors affecting the result of the cleaning / washing result. The indicators can be used for routine tracking of the cleaning procedures, and tracks the washing efficiency in the ultrasonic machines according to the different washing and thermo-disinfection configurations.

Polymer and aluminum options are available.

İşlem Görmemiş Şerit Unprocessed Strip







AUTOCLAVE GASKET SPRAY

It is used in hospital for the maintenance of the autoclave device cover gasket and to prevent the adhesion. It does not harden the applied gasket and material. It has an insulating feature preventing the adhesion. It constitutes a fine silicone layer on the used surface. An ideal care product for the autoclave gasket and cover. Represents superior lubrication feature. Highly water-resistant. Polishes plastic parts. Prevents fragility and occurrence of cracks. Performs the care of rubber parts, surfaces are not affected from heat and cold; do not adhere or crack. A perfect product for rubber, plastic and metal parts. Prevents sounds and noises caused by the friction of various materials (metal/plastic, etc.) Possess an antistatics feature and gives perfect results at high temperature applications. Temperature resistance:-50°C/+300°C





AUTOCLAVE CLEANING SPRAY

WİSAS Autoclave Cleaning Spray is suitable for utilization on stainless metal surfaces. Used for cleaning of autoclave-inner dirt, stain, sediments, residus and external surface. Temperature resistance between -50° and +250°C.

SURGICAL INSTRUMENT LUBRICATION SPRAY

A product used for the maintenance, protection and lubrication of tools used in surgical instruments. Prevents fastening of dirts (i.e.damp stains, betadine and protein stains) occuring on surgical instruments in result of high temperature and chemical reactions. Provides a bright and clean outlook.

Constitutes a protective layer on surgical instruments reducing the adherence of chemicals i.e. cement, alginate, zinc oxide, carboxylate and phosphate.

Spray from a certain distance on surgical instruments, which cleaning and disinfection process is completed and ready for the sterilization process. Proceed with the sterilization process without perfoming any wiping and cleaning procedure after spraying.



HIGH RISK NITRYL GLOVES 30 CM

Powderless, nonsterile, textured, both-hand fitting



DISPOSABLE WASHING GLOVES



AUTOCLAVE GLOVE

Made of a soft and flexible, heat resistant towel-similar fabric. Easy to put on and remove.Quite easy utilization. Upper section covered on the outside with a layer with grasping property. Palm made of a soft and dense heat-preveting fabric. Provides a perfect safety and insulation up to 300°C when working with autoclave.

Size of 35 cm and 42 cm.



ETHYLENE OXIDE GLOVE



WASHING GLOVE





