

SINCE
2000

expert

ZEOS[®]

STERILIZATION PRODUCTS

ZEOSS®



The point where the confidence meets quality

EO - FCT

EO FLEXIBLE CHAMBER TECHNOLOGY

ABOUT US

MED TIP Co. Ltd. was found in 2000 to be active in the field of sterilization.

In 2005, our Company started R&D studies on sterilizers, operated with ethylene oxide gas diffusion system, to evaluate and meet the growing demands in this field after the great success in sterilization sector.

By the year of 2007, our products gained a place in Turkish and international markets rapidly due to their high quality and customer satisfaction we achieved, the certificates we obtained, and inox structure and technology used.

We continue to lead the similar systems in sector with our high-tech, well-equipped superior design products.

MED TIP produces its products in conformity with the international standards.

Our products have all accreditation certificates and it's a registered brand under the name of ZEOSS in health sector.



ZEOSS[®]



CLASSIC MODELS

ZEOSS - 80



Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical usage/operation,
- Large usage capacity,
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
- Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
- Negative pressure,
- Micro Computer Operating System,
- Aeration after sterilization is executed in the same cabin.
- 100 % elimination of ethylene oxide residues by means of vacuum pump system.

The products which can be sterilized at between 37 °C to 54 °C with ZEOSS series EO New Generation Gaz Diffusion system Flexible Chamber Technology are;

- | | |
|---|---------------------------|
| 1. All materials resistant or non-resistant to heat | 6. Medical Materials. |
| 2. Plastic Materials | 7. Laboratory Materials |
| 3. Rubber Materials | 8. Laparoscopic Equipment |
| 4. Metals | 9. Endoscopic Equipment |
| 5. Mechanic and electro-mechanic parts | |

Sterilization Period

- **Standard Program:** 8 hours at 54 °C mode.
- Resistance, fan and vacuum phases are monitored by means of illuminated LED Panel on Classic Model



ZEOSS - 80 TECHNICAL TABLE

Internal Dimensions (mm)	WIDTH	397
	DEPTH	498
	HEIGHT	464
External Dimensions (mm)	WIDTH	491
	DEPTH	578
	HEIGHT	835
POWER		600W
VOLTAGE		110V, 220 V
AMPERAGE		3A
STERILIZER VOLUME		90 L
NUMBER OF STERILIZATION BAGS		1

ZEOSS - 80L

Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

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| 1. All materials resistant or non-resistant to heat | 6. Medical Materials. |
| 2. Plastic Materias | 7. Labortory Materials |
| 3. Rubber Materials | 8. Laparoscopic Equipment |
| 4. Metals | 9. Endoscopic Equipment |
| 5. Mechanic and electro-mechanic parts | |

Sterilization Period

- **Standard Program** : 8 hours at 54 °C mode.
- Resistance, fan and vacuum phases are monitored by means of illuminated LED Panel on Classic Model



ZEOSS - 80L TECHNICAL TABLE		
Internal Dimensions (mm)	WIDTH	370
	DEPTH	684
	HEIGHT	367
External Dimensions (mm)	WIDTH	458
	DEPTH	798
	HEIGHT	702
POWER		600W
VOLTAGE		110V, 220V
AMPERAGE		3 A
STERILIZER VOLUME		92 L
NUMBER OF STERILIZATION BAGS		1

CLASSIC MODELS

ZEISS - 160



Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

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- Large usage capacity,
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
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- Negative pressure,
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|---|---------------------------|
| 1. All materials resistant or non-resistant to heat | 6. Medical Materials. |
| 2. Plastic Materials | 7. Laboratory Materials |
| 3. Rubber Materials | 8. Laparoscopic Equipment |
| 4. Metals | 9. Endoscopic Equipment |
| 5. Mechanic and electro-mechanic parts | |

Sterilization Period

- **Standard Program** : 8 hours at 54 °C mode.
- Resistance, fan and vacuum phases are monitored by means of illuminated LED Panel on Classic Model



ZEISS - 160 TECHNICAL TABLE

Internal Dimensions (mm)	WIDTH	490
	DEPTH	609
	HEIGHT	640
External Dimensions (mm)	WIDTH	578
	DEPTH	729
	HEIGHT	975
POWER		1000 W
VOLTAGE		110V, 220V
AMPERAGE		5 A
STERILIZER VOLUME		195 LT
NUMBER OF STERILIZATION BAGS		1/2
STERILIZATION BAGS		60x90

ZEOSS - 160L

Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical usage/operation,
- Large usage capacity,
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
- Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
- Negative pressure,
- Micro Computer Operating System,
- Aeration after sterilization is executed in the same cabin.
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| 1. All materials resistant or non-resistant to heat | 6. Medical Materials. |
| 2. Plastic Materials | 7. Laboratory Materials |
| 3. Rubber Materials | 8. Laparoscopic Equipment |
| 4. Metals | 9. Endoscopic Equipment |
| 5. Mechanic and electro-mechanic parts | |

Sterilization Period

- **Standard Program** : 8 hours at 54 °C mode.
- Resistance, fan and vacuum phases are monitored by means of illuminated LED Panel on Classic Model

ZEOSS - 160L TECHNICAL TABLE		
Internal Dimensions (mm)	WIDTH	370
	DEPTH	1304
	HEIGHT	367
External Dimensions (mm)	WIDTH	458
	DEPTH	1419
	HEIGHT	702
POWER		1000 W
VOLTAGE		110V, 220V
AMPERAGE		5A
STERILIZER VOLUME		178 LT
NUMBER OF STERILIZATION BAGS		1
STERILIZATION BAGS		55x125



ZEOSS - 80L



Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical Usage/Operation.
- Large usage capacity.
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
- Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
- Negative pressure.
- Micro Computer Operating System.
- Aeration after sterilization is executed in the same cabin.
- Service by way of remote connection.
- 100 % elimination of ethylene oxide residues by means of vacuum pump system.

- Temperature Data Information
- Moisture Data Information
- Pressure Data Information
- Gas Data Information
- Sterilization cycle record (every 5 seconds)
- Transfer of the sterilization cycle data to the computer.
- Graphical printout of the sterilization temperature and humidity values.
- Reference Sterilization Bag (Only Medical Industry)

The products which can be sterilized at between 37 °C to 54 °C with ZEOSS series EO New Generation Gaz Diffusion system Flexible Chamber Technology are;

1. All materials resistant or non-resistant to heat
2. Plastic Materials
3. Rubber Materials
4. Metals
5. Mechanic and electro-mechanic parts
6. Medical Materials.
7. Laboratory Materials
8. Laparoscopic Equipment
9. Endoscopic Equipment (For Industrial Use)

- Sterilization period adjustments of all touchscreen models can made at different optional values.
- Time, resistance, fan and vacuum phases are monitored by means of LCD display available on Touchscreen Models.
- Operation cycles are monitored and confirmed by means of digital resistance, fan and vacuum LED lights available on LCD display.
- Indicator and analog LED lights on printer.
- Automatic door locking system

TECHNICAL TABLE

		ZEOSS - 80	ZEOSS - 80L	ZEOSS - 160	ZEOSS - 160L
Internal Dimensions (mm)	WIDTH	397 mm	370	490	370
	DEPTH	498 mm	684	609	1304
	HEIGHT	464 mm	367	640	367
External Dimensions (mm)	WIDTH	491 mm	458	578	458
	DEPTH	578 mm	798	729	1419
	HEIGHT	835 mm	702	975	702
POWER		600 W	600W	1000 W	1000 W
VOLTAGE		110V, 220V	110V, 220V	110V, 220V	110V, 220V
AMPERAGE		3A	3 A	5 A	5A
STERILIZER VOLUME		90 LT	92 L	195 LT	178 LT
NUMBER OF STERILIZATION BAGS		1	1	1/2	1
STERILIZATION BAGS		60x90	60x90	60x90	55x125

ZEOSS - 225

Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical Usage/Operation.
- Large usage capacity.
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
- Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
- Negative pressure.
- Micro Computer Operating System.
- Aeration after sterilization is executed in the same cabin.
- Service by way of remote connection.
- 100 % elimination of ethylene oxide residues by means of vacuum pump system.
- Conformity to the ISO 14937 Standards.

- Temperature Data Information
- Moisture Data Information
- Pressure Data Information
- Gas Data Information
- Sterilization cycle record (every 5 seconds)
- Transfer of the sterilization cycle data to the computer.
- Graphical printout of the sterilization temperature and humidity values.
- Reference Sterilization Bag (Only Medical Industry)

The products which can be sterilized at between 37 °C to 54 °C with ZEOSS series EO New Generation Gaz Diffusion system Flexible Chamber Technology are;

1. All materials resistant or non-resistant to heat
2. Plastic Materials
3. Rubber Materials
4. Metals
5. Mechanic and electro-mechanic parts
6. Medical Materials.
7. Laboratory Materials
8. Laparoscopic Equipment
9. Endoscopic Equipment (For Industrial Use)

- **Standard Program:** 8 hours at 54 °C mode.
- Sterilization period adjustments of all touchscreen models can be made at different optional values.
- Time, resistance, fan and vacuum phases are monitored by means of LCD display available on Touchscreen Models.
- Operation cycles are monitored and confirmed by means of digital resistance, fan and vacuum LED lights available on LCD display.
- Indicator and analog LED lights on printer.
- Automatic door locking system
- MDR compatible heat-humidity module system
- MDR compatible preheating system

ZEOSS - 225 TECHNICAL TABLE		
Internal Dimensions (mm)	WIDTH	580
	DEPTH	673
	HEIGHT	639
External Dimensions (mm)	WIDTH	667
	DEPTH	788
	HEIGHT	1050
POWER		1000 W
VOLTAGE		110V, 220V
AMPERAGE		5 A
STANDARD ROOM DIMENSIONS		2 m x 3 m
STERILIZER VOLUME		265 L
NUMBER OF STERILIZATION BAGS		2



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TOUCHSCREEN MODELS

ZEOSS - 450



Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical Usage/Operation.
- Large usage capacity.
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
- Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
- Negative pressure.
- Micro Computer Operating System.
- Aeration after sterilization is executed in the same cabin.
- Service by way of remote connection.
- 100 % elimination of ethylene oxide residues by means of vacuum pump system.
- Conformity to the ISO 14937 Standards.

- Temperature Data Information
- Moisture Data Information
- Pressure Data Information
- Gas Data Information
- Sterilization cycle record (every 5 seconds)
- Transfer of the sterilization cycle data to the computer.
- Graphical printout of the sterilization temperature and humidity values.
- Reference Sterilization Bag (Only Medical Industry)

The products which can be sterilized at between 37 °C to 54 °C with ZEOSS series EO New Generation Gaz Diffusion system Flexible Chamber Technology are;

1. All materials resistant or non-resistant to heat
2. Plastic Materials
3. Rubber Materials
4. Metals
5. Mechanic and electro-mechanic parts
6. Medical Materials.
7. Laboratory Materials
8. Laparoscopic Equipment
9. Endoscopic Equipment (For Industrial Use)

- **Standard Program:** 8 hours at 54 °C mode.
- Sterilization period adjustments of all touchscreen models can made at different optional values.
- Time, resistance, fan and vacuum phases are monitored by means of LCD display available on Touchscreen Models.
- Operation cycles are monitored and confirmed by means of digital resistance, fan and vacuum LED lights available on LCD display.
- Indicator and analog LED lights on printer.
- Automatic door locking system
- MDR compatible heat-humidity module system
- MDR compatible preheating system

ZEOSS - 450 TECHNICAL TABLE

Internal Dimensions (mm)	WIDTH	639
	DEPTH	703
	HEIGHT	1125
External Dimensions (mm)	WIDTH	726
	DEPTH	852
	HEIGHT	1535
POWER		1500 W
VOLTAGE		110V, 220V
AMPERAGE		7 A
STANDARD ROOM DIMENSIONS		2 m x 3 m
STERILIZER VOLUME		505 L
NUMBER OF STERILIZATION BAGS		4



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ZEOSS - 900

Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical Usage/Operation.
- Large usage capacity.
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
- Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
- Negative pressure.
- Micro Computer Operating System.
- Aeration after sterilization is executed in the same cabin.
- Service by way of remote connection.
- 100 % elimination of ethylene oxide residues by means of vacuum pump system.
- Conformity to the ISO 14937 Standards.

- Temperature Data Information
- Moisture Data Information
- Pressure Data Information
- Gas Data Information
- Sterilization cycle record (every 5 seconds)
- Transfer of the sterilization cycle data to the computer.
- Graphical printout of the sterilization temperature and humidity values.
- Reference Sterilization Bag (Only Medical Industry)

The products which can be sterilized at between 37 °C to 54 °C with ZEOSS series EO New Generation Gaz Diffusion system Flexible Chamber Technology are;

1. All materials resistant or non-resistant to heat
2. Plastic Materials
3. Rubber Materials
4. Metals
5. Mechanic and electro-mechanic parts
6. Medical Materials.
7. Laboratory Materials
8. Laparoscopic Equipment
9. Endoscopic Equipment (For Industrial Use)

- **Standard Program:** 8 hours at 54 °C mode.
- Sterilization period adjustments of all touchscreen models can made at different optional values.
- Time, resistance, fan and vacuum phases are monitored by means of LCD display available on Touchscreen Models.
- Operation cycles are monitored and confirmed by means of digital resistance, fan and vacuum LED lights available on LCD display.
- Indicator and analog LED lights on printer.
- Automatic door locking system
- MDR compatible heat-humidity module system
- MDR compatible preheating system

ZEOSS - 900 TECHNICAL TABLE		
Internal Dimensions (mm)	WIDTH	942
	DEPTH	807
	HEIGHT	1516
External Dimensions (mm)	WIDTH	1030
	DEPTH	955
	HEIGHT	1925
POWER		1800 W
VOLTAGE		110V, 220V
AMPERAGE		10 A
STANDARD ROOM DIMENSIONS		3 m x 4 m
STERILIZER VOLUME		1032 L
NUMBER OF STERILIZATION BAGS		8



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TOUCHSCREEN MODELS

For Medical Product Producers

ZEISS - 2000



Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical Usage/Operation.
- Large usage capacity.
- Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
- Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
- Negative pressure.
- Micro Computer Operating System.
- Aeration after sterilization is executed in the same cabin.
- Service by way of remote connection.
- 100 % elimination of ethylene oxide residues by means of vacuum pump system.
- Conformity to the ISO 14937 Standards.

- Temperature Data Information
- Moisture Data Information
- Pressure Data Information
- Gas Data Information
- Sterilization cycle record (every 5 seconds)
- Transfer of the sterilization cycle data to the computer.
- Graphical printout of the sterilization temperature and humidity values.
- Reference Sterilization Bag (Only Medical Industry)

The products which can be sterilized at between 37 °C to 54 °C with ZEISS series EO New Generation Gas Diffusion system Flexible Chamber Technology are;

1. All materials resistant or non-resistant to heat
2. Plastic Materials
3. Rubber Materials
4. Metals
5. Mechanic and electro-mechanic parts
6. Medical Materials.
7. Laboratory Materials
8. Laparoscopic Equipment
9. Endoscopic Equipment

- **Standard Program:** 8 hours at 37°C to 54°C.
- Sterilization period adjustments of all industrial models can made at different optional values.
- Time, resistance, fan and vacuum phases are monitored by means of LCD display available on Industrial Models.
- Operation cycles are monitored and confirmed by means of digital resistance, fan and vacuum LED lights available on LCD display.
- Indicator and analog LED lights on printer.
- Automatic door locking system
- MDR compatible heat- humidity module system
- MDR compatible preheating system

ZEISS - 2000 TECHNICAL TABLE

Internal Dimensions (mm)	WIDTH	2410
	DEPTH	873
	HEIGHT	1695
External Dimensions (mm)	WIDTH	2815
	DEPTH	1450
	HEIGHT	2085
POWER		5000 W
VOLTAGE		110V, 220V
AMPERAGE		25 A
STANDARD ROOM DIMENSIONS		6,5 m x 6 m
STERILIZER VOLUME		2882 L
NUMBER OF STERILIZATION BAGS (94X135 cm)		16



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ZEOSS - 4000

Advantages of the New Generation Gas Diffusion Flexible Chamber Technology sterilizers benefits;

- Practical Usage/Operation.
 - Large usage capacity.
 - Low gas consumption: Consumes 1/10 less gas compared to the equivalent systems.
 - Environmental pollution is decreased to the possible minimum level due to the low gas consumption.
 - Negative pressure.
 - Micro Computer Operating System.
 - Aeration after sterilization is executed in the same cabin.
 - Service by way of remote connection.
 - 100 % elimination of ethylene oxide residues by means of vacuum pump system.
 - Conformity to the ISO 14937 Standards.
- Temperature Data Information
 - Moisture Data Information
 - Pressure Data Information
 - Gas Data Information
 - Sterilization cycle record (every 5 seconds)
 - Transfer of the sterilization cycle data to the computer.
 - Graphical printout of the sterilization temperature and humidity values.
 - Reference Sterilization Bag (Only Medical Industry)

The products which can be sterilized at between 37 °C to 54 °C with ZEOSS series EO New Generation Gas Diffusion system Flexible Chamber Technology are;

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 3. Rubber Materials
 4. Metals
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 7. Laboratory Materials
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 9. Endoscopic Equipment
- **Standard Program:** 8 hours at 37°C to 54°C.
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 - Time, resistance, fan and vacuum phases are monitored by means of LCD display available on Industrial Models.
 - Operation cycles are monitored and confirmed by means of digital resistance, fan and vacuum LED lights available on LCD display.
 - Indicator and analog LED lights on printer.
 - Automatic door locking system
 - MDR compatible heat- humidity module system
 - MDR compatible preheating system



ZEOSS - 4000 TECHNICAL TABLE		
Internal Dimensions (mm)	WIDTH	2410
	DEPTH	1528
	HEIGHT	1695
External Dimensions (mm)	WIDTH	2815
	DEPTH	2100
	HEIGHT	2085
POWER		5000 W
VOLTAGE		110 V, 220 V
AMPERAGE		25 A
STANDARD ROOM DIMENSIONS		6,5 m x 8 m
STERILIZER VOLUME		6000 LT
NUMBER OF STERILIZATION BAGS <small>(94X135 cm)</small>		24

TOUCHSCREEN MODELS

For Medical Product Producers

ZEISS - 6000



ZEISS - 6000 TECHNICAL TABLE

Internal Dimensions (mm)	WIDTH	5439
	DEPTH	1528
	HEIGHT	1695
External Dimensions (mm)	WIDTH	5845
	DEPTH	2100
	HEIGHT	2085
POWER		5750W
VOLTAGE		220V
CURRENT INTENSITY/AMPERAGE		30 A
STERILIZATION BAG		94x135 cm
STANDARD ROOM DIMENSIONS		8m x 12m
DEVICE DIMENSIONS: DOOR OPEN		3800 mm
STERILIZERS CAPACITY/VOLUME		14440 L
PACKAGED DIMENSIONS		585*215*210cm
NET/ GROSS WEIGHT		1200/ 1240kg

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ETHYLENE OXIDE GAS CARTRIDGE/AMPOULE KIT



- EO GAS CARTRIDGE
AMPOULE KIT**
(The contents of each Kit)
- EO Gas Cartridge/Ampoule
 - Sterilization Bag
 - Humidity Chip
 - Dosimeters
 - Clip

They are the sterilization kits, operated with the gas diffusion technology which sterilize all kinds of plastic, rubber, sensitive, metal, mechanical, medical and surgical materials whether they are resistant to heat or not.



AMPOULE KIT					
MODEL	ACTIVE MATERIAL ETHYLENE OXIDE	WRAPPED	STERILIZATION BAG SIZE	NUMBER OF KIT IN ONE BOX	NET CONTENT
ZQ-11	100 %	Poliüretan	60x90	100	11 gr
ZQ-15	100 %	Poliüretan	60x90	100	15 gr
ZQ-18	100 %	Poliüretan	60x90	100	18 gr
ZQ-20	100 %	Poliüretan	60x90	100	20 gr
ZQ-22	100 %	Poliüretan	60x90	100	22 gr
ZQ-24	100 %	Poliüretan	94x135	100	24 gr
ZQ-30	100 %	Poliüretan	94x135	100	30 gr

CARTRIDGE KIT					
MODEL	ACTIVE MATERIAL ETHYLENE OXIDE	WRAPPED	STERILIZATION BAG SIZE	NUMBER OF KIT IN ONE BOX	NET CONTENT
ZS-11	100 %	Poliüretan	60x90	50	11 gr
ZS-15	100 %	Poliüretan	60x90	50	15 gr
ZS-18	100 %	Poliüretan	60x90	50	18 gr
ZS-20	100 %	Poliüretan	60x90	50	20 gr
ZS-22	100 %	Poliüretan	60x90	50	22 gr

ETHYLENE OXIDE ALUMINUM GAS CARTRIDGES



%100 EO

Med Tip provides ZEISS® brand ethylene oxide in aluminum cartridges with controlled quantities and packed under strict safety regulation that meet the requirements of the variety of existing equipment in the market. This system provides safety in the sterilization areas, as the cartridge can only be punctured inside the sterilizer for which it is designed.

Features

- Ethylene oxide of high pureness (100% ethylene oxide).
- Single-use Cartridges.
- High effectiveness as a bactericide, fungicide and antivirus.
- Compatible size with any sterilizer in the market.
- 3M Sterivac® - Amsco® - Hogner® - Del Giudice® Biomedica® - and many others.

➤ Do not contain CFC (freon), do not affect the ozone layer.

CODE	MEASURE		CAPACITY	
	Diameter	Height	Grams	Oz.
ZL-100	38 mm	165 mm	100 gr	3,52 oz
ZL-127	38 mm	165 mm	127 gr	4,47 oz
ZL-130	50 mm	133 mm	130 gr	4,60 oz
ZL-134	38 mm	165 mm	134 gr	4,72 oz
ZL-170	45 mm	178 mm	170 gr	5,99 oz
ZL-200	50 mm	174 mm	200 gr	7,07 oz
ZL-230	50 mm	174 mm	230 gr	8,14 oz



The ZEISS automatic light ampoule activator provides automatic activation of the gas ampoule used in ethylene oxide sterilizers operating with gas diffusion technology.

TECHNICAL TABLE

External Dimensions (mm)	HEIGHT	185
	DEPTH	60
	WIDTH	160
VOLTAGE / V	220V	

Patent No: **2014/02709**

ETHYLENE OXIDE GAS CONTAINER



Ethylene Oxide Gas Container protects cartridges and ampoules. Each container has 50 holes. Container has a special locking system. If it is unused should be left locked. Container is made of stainless steel 304. There are carrying handles on both sides.

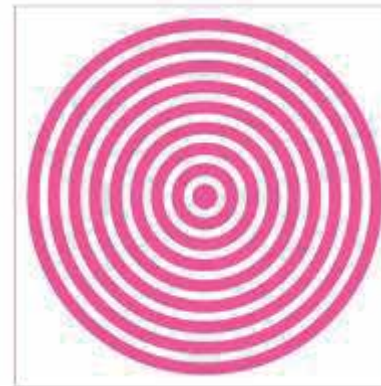
TECHNICAL TABLE

MODEL	ETHYLENE OXIDE GAS CONTAINER
WIDTH	270 mm
DEPTH	502 mm
HEIGHT	210 mm



EO/Steam Chemical Indicators

Hydrogen Peroxide Chemical Indicators



Bowie Dick Test Packs

STERILIZATION CONTROL PRODUCTS



DOCUMENTATION LABELS AND GUN

ZEISS documentation labels are produced under ISO 13485 quality systems. Labels are produced for use in Steam, Ethylene Oxide and Hydrogen peroxide devices. Labels can be peeled off after sterilization. It can be kept in patient or department records for proof of sterilization process. Labels contain Type1 chemical indicator ACCORDING TO EN ISO11140-1 STANDARD

	NUMBER OF ROLL
ZD10 EO	600
ZD20 Steam	600
ZD30 Hydrogen peroxide	400



ZDL- 100 DUAL INCUBATOR

Incubator is used to incubate biological indicators of Steam, Ethylene Oxide, Hydrogen Peroxide, Formaldehyde, Dry Heat and Plasma. Optional incubation options are available at 37°C, 57°C, 60°C Dual Incubators have a 128x64 OLED display. It should be operated at 60°C for Steam, Plasma and Formaldehyde, Hydrogen Peroxide and at 37°C for Ethylene Oxide, Dry Heat and moist heat indicators.

ZB10 EO BIOLOGICAL INDICATOR



ZB20 STEAM BIOLOGICAL INDICATOR



CODE	ORGANISM	PERIOD	RESULT	PACKAGE	INCUBATOR
ZB10	Bacillus atrophaeus	EO	48 hours	100 units	ZDL-100
ZB20	Geobacillus stearothermophilus	Steam	24 hours	100 units	ZDL-100

STANDARD EO GAZ DEDECTOR



- Ethylene Oxide Concentration Measurement
- Between 0 – 50 ppm. intervals
- Microprocessor Controlled
- Audio Alarm (>85db)
- Automatic Calibration
- External Alarm Output
- Mountable On Wall
- High Reliability
- 220v 50 Hz.
- 2 Years Warranty Including Sensor
- Sensor Life Up To 5 Years

PANEL CONTROLLED EO GAS DEDECTOR



- The working voltage of the detectors is 220V-AC 50Hz- 05V-DC
- 2 to 10 additional detectors working integrated with the detector can be connected.
- The detector in the device room communicates wirelessly with other detectors to which the measurement value is added, via RF connection, and displays all instant measurement values.
- Communication distance of additional detectors is between 1m and 150m.
- Digital display with wireless data transmission (Rf Wireless), optional sensing distance operates at 1 m - 150 m.
- 0 ~ 1 ppm / 99 ppm adjustable alarm feature
- It measures Ethylene Oxide concentration in the range of 0 ~ 1 ppm / 99 ppm.
- Microprocessor based control.
- External alarm output
- Visual and audible alarm warning
- Wall mountable, ABS feature box.
- Electrochemical sensor
- When the detector is at standard PPM values, the green led lamp is on.
- When the PPM value is exceeded, the red led lamp lights up and gives an audible warning to the personnel. Audible and led lamp warnings to the personnel in the main detector also work actively with other integrated detectors.

FOLDING TRANSPORT TROLLEYS



TECHNICAL DETAILS

LOAD CAPACITY (empty)	65 kg
LOAD CAPACITY (full)	350 kg (max)
WIDTH / DEPTH / HEIGHT	340mm / 217mm / 500mm

STERILIZATION ROLL BAG SEALING MACHINE

- The device have capability automatically sealing
- The sealing length is unlimited; it has the characters of efficient continuous sealing, reliable sealing quality, proper structures and convenient operation.
- Interior and exterior surface is stainless steel according to use operating room environment.
- Thanks to removable conveyor, no require to keep your packages during sealing.
- The sealing speed is 0-12 m/s with stepless speed regulation.
- Sealing width is 12 mm which too tight.
- This sealer can equip with an impressing set, which can print the date, opeartor code, terms of validty,etc.



ZEOSS[®]

STERILIZATION PRODUCTS

EO - FCT

EO FLEXIBLE CHAMBER TECHNOLOGY

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