

hdrOzone®

FIRST & UNIQUE
IN THE WORLD !



NEW STERILIZATION TECHNOLOGY

HEAVY MOLECULE (H₃O) Sterilization Device

hdrOzone®



Hydronium (H₃O) Technology

- No "Diameter and Length" Limit even at **FULL LOAD**.
- Effective In Sterilization Up To **Ø 2mm Diameter and 15,000mm Length**.
(EN ISO 14937 validation tests were performed and approved at full load by Accredited Organization HygCen GmbH.)
* Ø 2 mm & 50 Meters"
- Possible to sterilize all kinds of lumenian materials.
- **H₂O₂ + O₃ = H₃O** Hydronium Heavy Molecule Sterilization Technique
- **Ability to work seperately as an hydrogene peroxide sterilization device.**
- Chamber Volume 154 L
Chamber Effective Volume 131 L

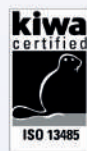
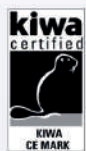


Application to set the record on GWR'S been submitted.

Working with Hospital O₂ Gas (or Medival O₂ tube) &
6 - 8 Cycles with Standart 59% H₂O₂ Cartridge



CE 1984



Made in
Türkiye



We Produce For Your Health

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B SCIENCE®
BIOMEDICAL



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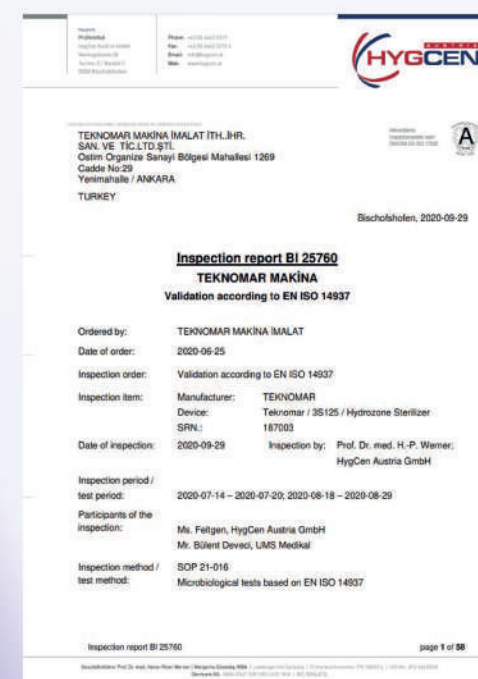
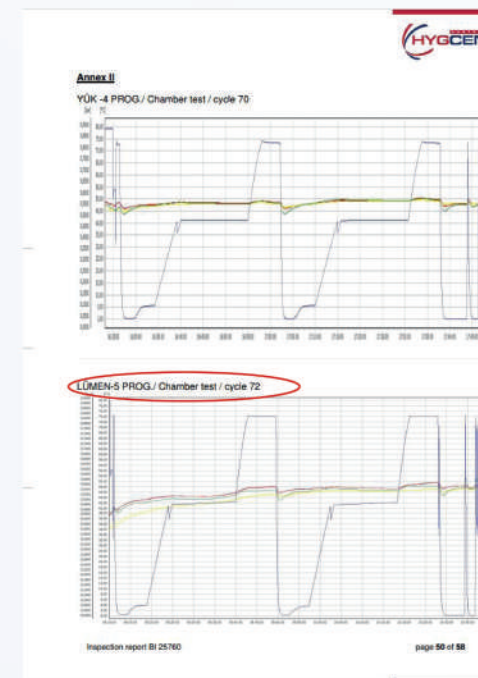


4th Generation

NEW STERILIZATION

TECHNOLOGY

Hydronium (H₃O) HEAVY MOLECULE



4.4.3 Positions and Results of the microbiological indicators

biomova - biological indicator						
ch / carrier	mean value	std	ch / carrier	mean value	std	ch / carrier
Control 1-2	0.00334	0.00	Control 1-2	0.00334	0.00	Control 1-2
Wrapping	sample No.	designation	ch / carrier	Enrichment	to / carrier	Reduction factor
yes / no				12 / 7 days		
upper basket						
yes	121	A	0	-	0	>3.82
yes	122	B	0	-	0	>3.82
yes	123	C	0	-	0	>3.82
yes	124	D	0	-	0	>3.82
yes	125	E	0	-	0	>3.82
yes	126	F	0	-	0	>3.82
middle basket						
yes	127	G	0	-	0	>3.82
yes	128	H	0	-	0	>3.82
yes	129	I	0	-	0	>3.82
lower basket						
yes	130	J	0	-	0	>3.82
yes	131	K	0	-	0	>3.82
yes	132	L	0	-	0	>3.82
yes	133	M	0	-	0	>3.82
yes	134	N	0	-	0	>3.82
yes	135	O	0	-	0	>3.82
yes	136	P	0	-	0	>3.82
yes	137	Q	0	-	0	>3.82
yes	138	R	0	-	0	>3.82
yes	139	S	0	-	0	>3.82
yes	140	T	0	-	0	>3.82
yes	141	U	0	-	0	>3.82
yes	142	V	0	-	0	>3.82
yes	143	W	0	-	0	>3.82
yes	144	X	0	-	0	>3.82
yes	145	Y	0	-	0	>3.82
yes	146	Z	0	-	0	>3.82

Legend:
RF = Reduction factor
- = no turbidity due to microbial growth
+ = turbidity due to microbial growth
N.D. = not detectable

A = HygCen - white PTFE PCD / PCD 1 mm Ø 850 mm long
B = HygCen - white PTFE PCD / PCD 2 mm Ø 1200 mm long
C = Teknomar - Dual Lumen PCD / PCD 0.7 mm Ø 800 mm long
D = Teknomar - white PTFE PCD / PCD 0.4 mm Ø 900 mm long
E = Teknomar - white PTFE PCD / PCD 2 mm Ø 7500 mm long
F = Teknomar - white PTFE PCD / PCD 2 mm Ø 10000 mm long
G = Teknomar - white PTFE PCD / PCD 2 mm Ø 15000 mm long
H = Teknomar - white PTFE PCD / PCD 2 mm Ø 20000 mm long
I = Teknomar - white PTFE PCD / PCD 2 mm Ø 30000 mm long
J = Teknomar - white PTFE PCD / PCD 2 mm Ø 40000 mm long
K = Teknomar - white PTFE PCD / PCD 2 mm Ø 50000 mm long
L = Teknomar - white PTFE PCD / PCD 2 mm Ø 60000 mm long
M = Teknomar - white PTFE PCD / PCD 2 mm Ø 70000 mm long
N = Teknomar - white PTFE PCD / PCD 2 mm Ø 80000 mm long
O = Teknomar - white PTFE PCD / PCD 2 mm Ø 90000 mm long
P = Teknomar - white PTFE PCD / PCD 2 mm Ø 100000 mm long
Q = Teknomar - white PTFE PCD / PCD 2 mm Ø 110000 mm long
R = Teknomar - white PTFE PCD / PCD 2 mm Ø 120000 mm long
S = Teknomar - white PTFE PCD / PCD 2 mm Ø 130000 mm long
T = Teknomar - white PTFE PCD / PCD 2 mm Ø 140000 mm long
U = Teknomar - white PTFE PCD / PCD 2 mm Ø 150000 mm long
V = Teknomar - white PTFE PCD / PCD 2 mm Ø 160000 mm long
W = Teknomar - white PTFE PCD / PCD 2 mm Ø 170000 mm long
X = Teknomar - white PTFE PCD / PCD 2 mm Ø 180000 mm long
Y = Teknomar - white PTFE PCD / PCD 2 mm Ø 190000 mm long
Z = Teknomar - white PTFE PCD / PCD 2 mm Ø 200000 mm long

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