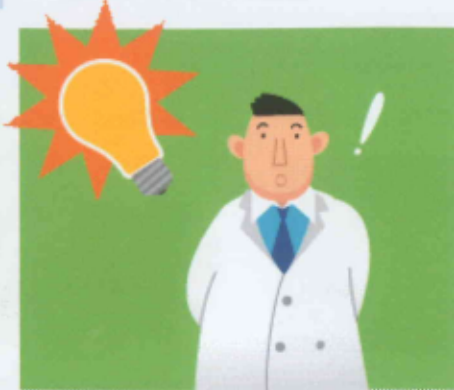


DEVELOPMENT BACKGROUND



- It is really difficult to sterilize hand-piece.
 - After medical treatment, wash with water, packing, putting in autoclave, lubrication ...
 - Furthermore, I should exchange cartridge of hand-piece frequently.
 - Is there any solution?



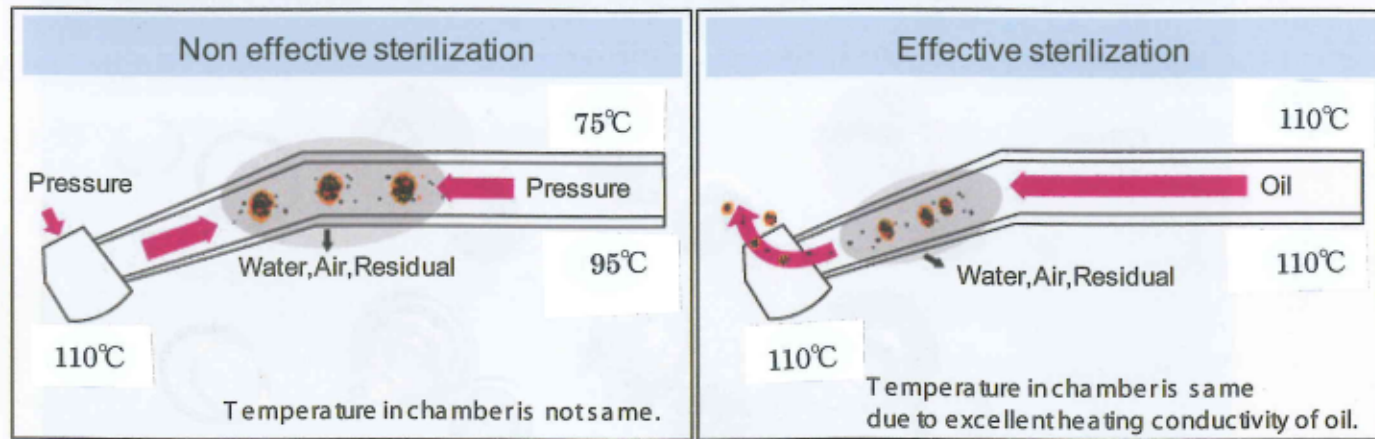
- Yes, I try to use **High Temperature Oil!**



- Surprised !!! It is fantastic.
 - All in one. Sterilization & Disinfection
 Anti-rust, Lubrication at once.

※ DENTISTAR is developed by a dentist.

Comparing with Dentistar and Existing method



Existing Method

- Pressure is provided from both sides.
 - Some matters like as water, air, residual are stayed in hand-piece.

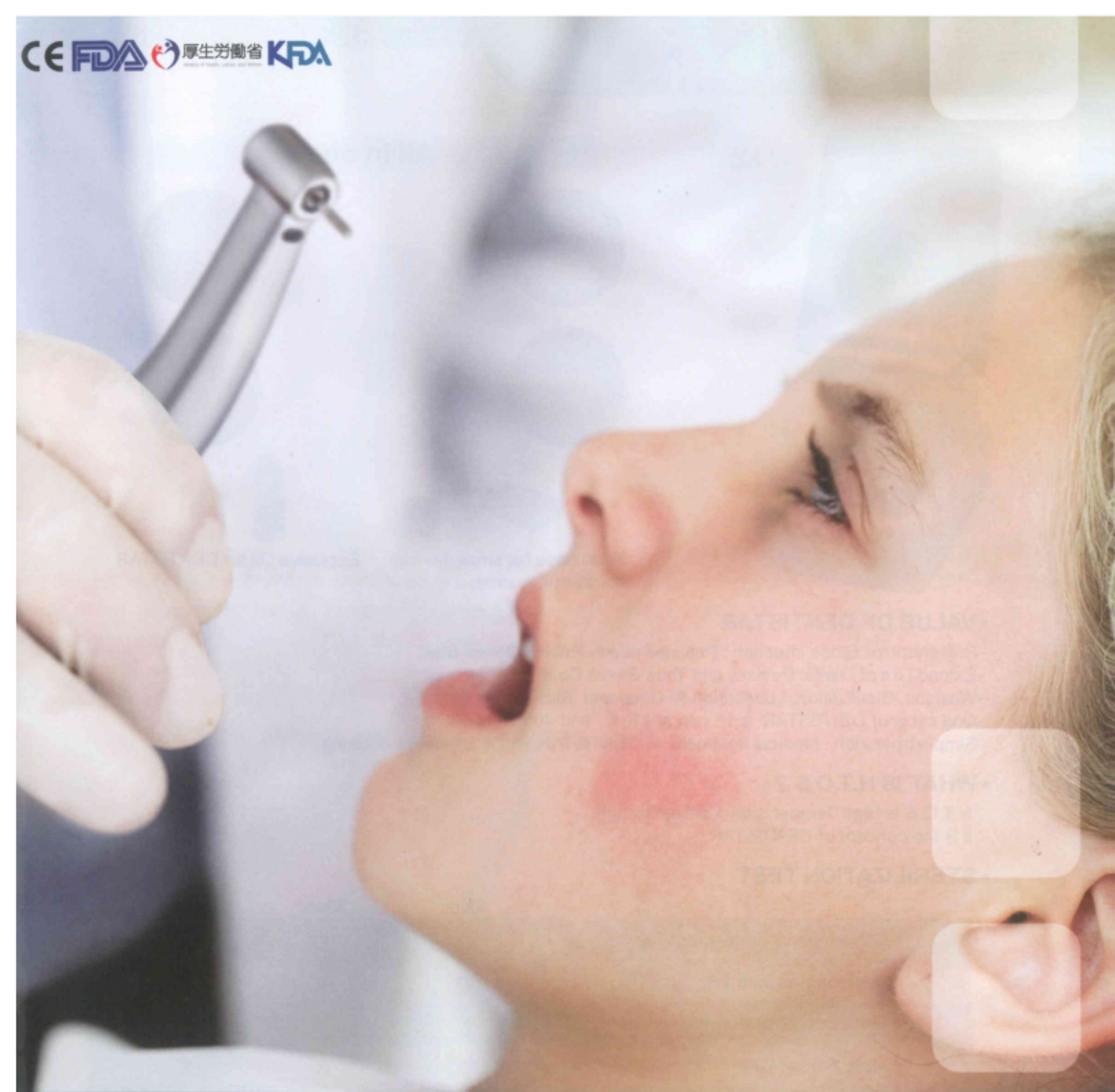
DENTISTAR

- High Temperature Oil is flowed in pipe.
 - If there is minute gap, it can be went out.
 - Flowing of oil for DENTISTAR is really excellent.

【Reference about this article】

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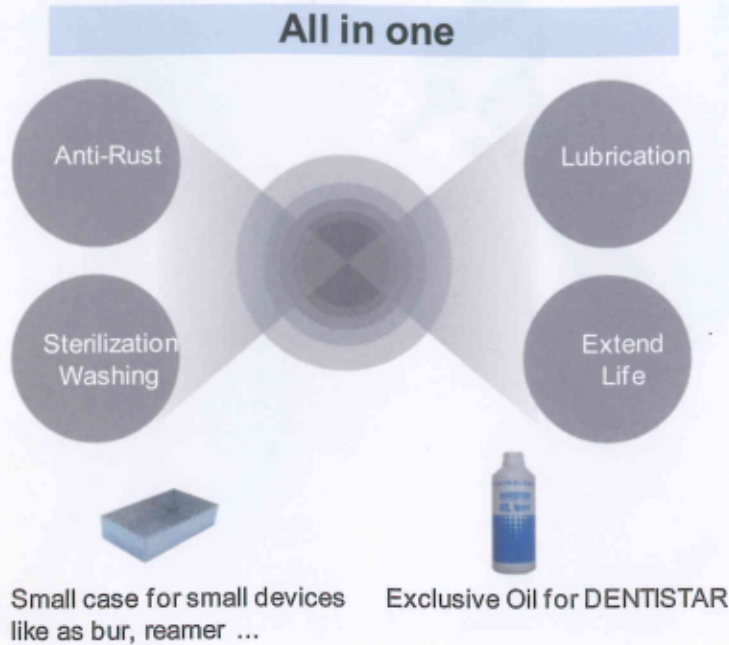


Multi-Purpose Hand-Piece Sterilizer

DENTISTAR



- Perfect Sterilization
- Extend Life of Hand-Piece
- Washing, Lubrication
- Anti-Rust



VALUE OF DENTISTAR

- Prevention of Cross Infection : Patient-Patient, Patient-Dental Staff
- Extend Life of Dental Devices and Thus Saves Cost
- Washing, Sterilization, Lubrication At Once and Thus Saves time
- One cycle of DENTISTAR is 15 min at 110°C
- Simple operation : Medical treatment -> DENTISTAR -> Oil removing -> Using

WHAT IS H.T.O.S ?

H.T.O.S is High Temperature Oil Sterilization.
It is the concept of DENTISTAR.

STERILIZATION TEST

	10sec	30sec	25min
Geobacillus Stearothemphilus	O	O	X
Streptococcus viridans	O	X	X
Streptococcus aureus	X	X	X
SrAPH. Epidermidis	O	X	X
Klebsiella pneumoniae	X	X	X
Stetococcus faecium	O	X	X
Pseudomonas Feruginosa	O	X	X
Colon nacillus	X	X	X

※General Viruses are killed at 90-100°C

(Temp 100°C)

SPECIFICATION

- Product name : Dentistar
- External(mm) : 200 X 270 X 213
- Install(mm) : 260 X 335 X 442
- External(inch) : 7.87 X 10.62 X 8.38
- Install(inch) : 10.23 X 13.18 X 17.40
- W e i g h t : 4.2 Kg / 9.25 lbs
- P o w e r : AC220V or 110V
: 50/60HZ
- Consumption : 255W

TEST FOR DENTISTAR EFFECTS

3RD TEST

Angle of Implant

Sep.25.2008

	The Inside of Implant	The surface of Implant Gear	Gear Gap
Other Sterilization			
Dentistar			

2ND TEST

Hand-piece Inside

May.08.2008

	Turbine Inside	Cartridge	Head Cap	O-ring
Other Sterilization				
Dentistar				

There is possibility that color is different depending on lighting of dentistry.

1ST TEST

Hand-piece Inside

Aug.13.2007

	Turbine Inside	O-ring	Head Cap
Other Sterilization			
Dentistar			

There is possibility that color is different depending on lighting of dentistry.