

Simply the Best **STERI-ACE**

NEWLY NOW BY AIR-STEAM



# High Temperature & High Pressure



AIR-STEAM SYSTEM PRODUCES THE DELICIOUS!!

## EFFECTIVE DESIGN NEEDS LESS SPACE & SAVES ENERGY!

Treating vessel of STERI-ACE is designed as rectangular cross-section pressure vessel and has a compact space.

Processed material shall be evenly heated by specially designed air-steam system, which has been patented and effectively cooled by simply designed air-spray cooling system.

It enables for pouch packaged foods to be cooked, sterilized and cooled with saving energy.

### AIR-STEAM SYSTEM

- Enables to make precise sterilizing.
- Two-step sterilizing system helps to cook more deliciously and shall make cooking easier and more economical
- Less retort smell makes food more delicious.
- Makes less discoloration and will not damage pouch material.

### MULTIPURPOSE EQUIPMENT

- Enables to make pressurizing and high temperature (max. 125°C) sterilization.
- Provided to make sterilization of bottles, canned and air-packaged material
- Utilized for low temperature sterilizing (min. 80°C)
- Cooks steaming as well as boiling.
- Optimum for developing and sampling new products.

### RECTANGULAR CROSS-SECTION

- Most economical and less installation space.
- Simple construction and compact equipment.
- Saves energy, space and running cost.
- Makes it possible to install on even upstairs. (1.7m width × 2.2m height only)
- Remarkably saves installation and maintenance cost.

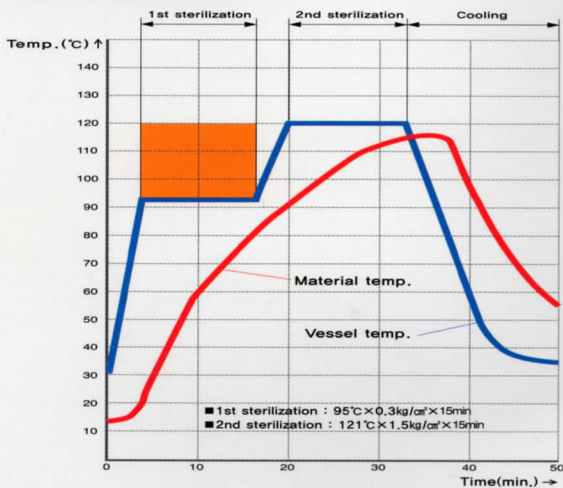
# STERI-ACE

Modern Innovative, Eco-Sound Technology...

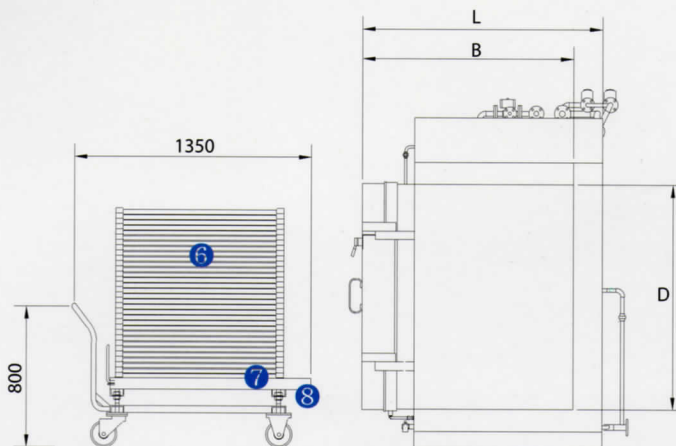
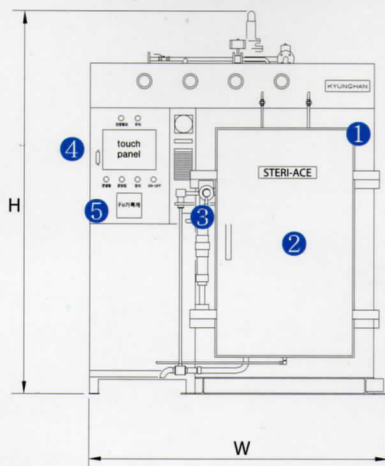
## STERI-ACE SPECIFICATION

	PRS-10-I	PRS-20-I	PRS-30-I	PRS-40-I
Max. Design Temperature	125°C			
Max. Design Pressure	0.2MPa (2kgf/cm <sup>2</sup> G)			
Volume of Vessel (liter)	1000	2000	3000	4000
Weight of Machine (kg)	1600	2600	3700	4600
Steam Consumption (kg/batch)	60	120	180	250
Required Cap. Of Boiler(kg/Hr)	200	400	600	800
Cooling Water(l /min)	75	155	235	315
Required Power Of Compressor(kw)	3.7	5.5	7.5	11
No. of Inner Cart	1	2	3	4
Actual Tray Dimension W×L×H(mm)	620×950×960	620×1900×960	620×2850×960	620×3800×960
No. of Tray (30mm height)	32 Trays×1 set	32 Trays×2 set	32 Trays×3 set	32 Trays×4 set
Dimension of Machine W×L×H(mm)	1700×1400×2200	1700×2400×2200	1850×3400×2400	1850×4400×2400
Capacity (pouch 130×170×20(mm))	768 pcs/batch	1536 pcs/batch	2304 pcs/batch	3072 pcs/batch
Capacity(Weight) (200g/pouch)	153 kg/Batch	307kg/Batch	460kg/Batch	614kg/Batch

## 2-step sterilization



## STERI-ACE Standard spec.



- ① Vessel
- ② French door
- ③ Safety device
- ④ Control panel
- ⑤ Fo. recorder
- ⑥ Tray
- ⑦ Inner cart
- ⑧ Transport carriage

## STERI-ACE VC model for Vacuum cooking

STERI-ACE model VC is equipped vacuum cooking system as well as high temperature cooking system at 50 °C through 125 °C for universal and multipurpose usage.



## History

- 1975. 08. Founded.
- 1985. 07 Obtain a license for manufacturing authorized Pressurized Vessel & Gas appliances.
- 1994. 01 Build headquarters in Jinryang Industrial Complex (3,307 m<sup>2</sup>)
- 1994. 08. Make a technology transfer contract for Reelless Rapid Jet Dyeing machine and retort sterilizer machines with NISSEN of Japan's.
- 1997 01 Converted to Kyunghan Co., Ltd.
- 1998. 09. Obtain the EM (Excellent Machine) certificate from the MOCIE.
- 1999. 11 Obtain the ISO9002 certificate.
- 2003. 12. Commended on the Day of Trade.
- 2004. 08. Commended as the Company of the Month by Gyeongsangbuk-do.
- 2004. 11 Commended by the MOCIE for putting new technology into practical use.
- 2005. 01 Open the office for the Seoul/Incheon area.
- 2005. 02. Certificated the CSQL.
- 2005. 10. Commended by the MOCIE for developing capital goods.
- 2006. 02 Certificated and Licensed the CE for dyeing machine.
- 2006. 08. Certificated and Licensed the ASME "U" stamp for Pressurized Vessel.
- 2007 01 Designated as a management innovation company.
- 2007 04. Certificated and Licensed with CE for retort sterilizers.
- 2007 07 Buy the site (7,130 m<sup>2</sup>) for the 2<sup>nd</sup> factory in Jinryang Industrial Complex 2.
- 2007 11 Designated as an innovative Technology Management Industry INNO-BIZ company.
- 2007 11 Designated as a venture company.
- 2008. 06. Designated as qualified supplier in general item by KEPCO.
- 2008. 08. Pass the test about Liner plate of KEPCO.
- 2009. 07 Founded technique institute.



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