

## RAUTOCLAVE *Series*

- ❑ *Sizes Range from 150 Liters to 4275 Liters*
- ❑ *Sterilization Temperatures from 105 °C to 134 °C*
- ❑ *Fast sterilization cycle times from 15 minutes*
- ❑ *Extremely Customizable with a wide range of optional extras*
- ❑ *Advanced Water Management System*
- ❑ *Hospital CSSD's, Theatre, Clinics, Medical Waste, Laboratory and Pharmaceutical*

1986 - 2016  
**30** YEARS

**We Take Pride In Our Service, We Strive For  
Perfection and We Guarantee Satisfaction!**



LARGE STEAM STERILIZERS

## STERILIZATION CYCLES

Any of these cycles can be installed on any autoclave in the **RAUTOCLAVE** series up to a limit of 20 cycles per unit to meet the customers requirements. These cycles can be altered by any trained personnel.

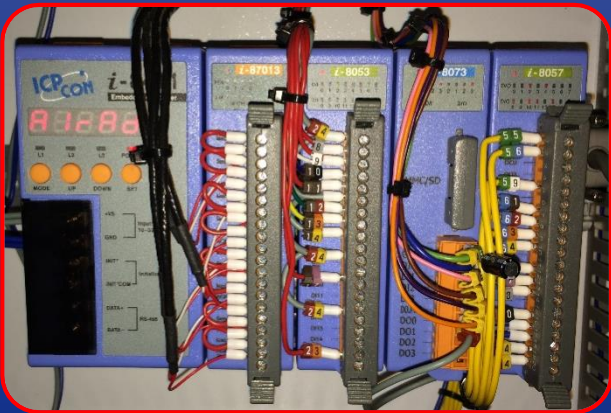
## HAZARDOUS WASTE

The **RAUTOCLAVE** series can be used for Medical and Laboratory Hazardous Waste Sterilization, for safe disposal. Customized cycles can be loaded on request when ordering to meet your requirements for liquid or solid waste.



Cycles	Medical	Laboratory	Waste
Containers @ 134 °C	✓	✗	✗
Containers @ 121 °C	✓	✗	✗
Culture Media @ 121 °C	✗	✓	✗
Culture Media @ 115 °C	✗	✓	✗
Culture Media @ 105 °C	✗	✓	✗
Decontamination (pasteurizing) @ 70 °C	✗	✓	✗
Fluids @ 121 °C	✓	✓	✗
Liquid Waste @ 121 °C	✗	✗	✓
Metal-ware @ 134 °C	✗	✓	✗
Open Instruments (Flash) @ 134 °C	✓	✓	✓
Packs (porous loads) @ 134 °C	✓	✓	✗
Packs (porous loads) @ 121 °C	✓	✓	✗
Plastic-ware and Glassware @ 121 °C	✗	✓	✗
Pouched Instruments @ 134 °C	✓	✗	✗
Prions @ 134 °C	✓	✓	✗
Prions @ 121 °C	✓	✓	✗
Solid Waste @ 134 °C	✗	✗	✓
Test Cycles			
Bowie Dick Test @ 134 °C	✓	✓	✓
Vacuum Leak Test	✓	✓	✓

## ADVANCED CONTROL SYSTEM



Advanced control system on the **RAUTOCLAVE** autoclaves provides state of the art embedded microprocessor control while allowing for accuracy and flexibility. Up to 20 cycles can be loaded onto each autoclave to meet the customers needs, this must be requested on order. High resolution analogue input modules enable temperature and pressure to be measured to a accuracy of 0.1 °C and 0.1 kPa respectively.

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AUTOCLAVE MODELS

The **RAUTOCLAVE** ER-AS is available in virtually any size between 160 Liters and 4275 Liters. It can be customized to meet the customers size requirements.

Model	Volume (L)	Doors	Chamber Dimensions (mm)	Overall Dimensions w x h x d (mm)	Power with Steam Generator (kW)
ER-AR 150	150	1 or 2	500(dia.) x 750(d)	760 x 1770 x 1250	18
ER-AR 200	200	1 or 2	500(dia.) x 1000(d)	760 x 1770 x 1450	18
ER-AS 160	160	1 or 2	460(w) x 460(h) x 760(d)	760 x 1770 x 1250	18
ER-AS 200	200	1 or 2	460(w) x 460(h) x 950(d)	760 x 1770 x 1450	18
ER-AS 250	250	1 or 2	460(w) x 460(h) x 1200(d)	760 x 1770 x 1700	18
ER-AS 300	300	1 or 2	460(w) x 460(h) x 1450(d)	760 x 1770 x 2000	18
ER-AS 400	400	1 or 2	660(w) x 660(h) x 915(d)	950 x 1930 x 1650	36
ER-AS 600	600	1 or 2	660(w) x 660(h) x 1400(d)	950 x 1930 x 1700	36
ER-AS 800	800	1 or 2	660(w) x 660(h) x 1850(d)	950 x 1930 x 2500	36
ER-AS 1000	1000	1 or 2	660(w) x 660(h) x 2300(d)	950 x 1930 x 2900	72
ER-AS 2000	2000	1 or 2	950(w) x 1800(h) x 1200(d)	2500 x 2600 x 1500	72
ER-AS 3240	3240	1 or 2	950(w) x 1800(h) x 2010(d)	2650 x 2950 x 2750	72

STANDARDS AND REGULATIONS

The **RAUTOCLAVE** series autoclaves are manufactured to the highest of European Standards in accordance with EN 285 for large steam sterilizers. This series of autoclaves incorporates a fully jacketed chamber with the pressure vessel design in accordance with the PED Pressure Equipment Directive (97/23/EC).

OPTIONAL EXTRAS

- ☐ Steam Generator
- ☐ Pass-through Double Door
- ☐ BSL3 Laboratory Seal
- ☐ IQ / OQ Documentation
- ☐ Panel Mounted Data Printer
- ☐ Network to Remote PC
- ☐ Network PC and Monitor
- ☐ Loading Equipment
- ☐ Baskets
- ☐ Cabinet Model
- ☐ Water Softener
- ☐ Chamber Material, SS316L or Duplex Steel SAF2205
- ☐ Jacket Material, SS304L or SS316L
- ☐ Boiler Material, SS304L or SS316L
- ☐ Frame Material, SS304L

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## ***SAFETY FEATURES***

- ❑ ***Door will NOT open when autoclave is running***
- ❑ ***Autoclave will not start with door open***
- ❑ ***Jacket Safety Pressure Release Valve***
- ❑ ***Boiler Safety Pressure Release Valve***
- ❑ ***Safety door open switch incase personnel or equipment gets stuck in the door***



The **RAUTOCLAVE** ER-AR and ER-AS are available in two installation forms including recessed and cabinet models.

### **Recessed Model**

The recessed model is standard and allows the autoclave to be recessed into a wall where the front fascia and controls are flush with the wall. The double door pass-through options can be recessed between two walls and can be installed with a BSL3 Laboratory Seal.

### **Cabinet Model**

The cabinet model is a free-standing autoclave offered as an optional extra providing stainless steel panels that hang on the side of the autoclave. These panels are provided as a safety feature for operators and are easily removable for maintenance purposes.

## ***UTILITY REQUIREMENTS***

**Electrical Supply:** 3 phase (3L+N+E), 380 - 400 Volts, Current required is model specific

**Water Supply:** 15 mm Softened Cold Water at 300 kPa terminating in an isolating valve

**Drainage:** 100 mm Metal Floor Drain

**Compressed Air:** 15 mm air at 800 kPa, 8cfm terminating in an isolating valve for BSL3 Laboratory Autoclaves

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