

ES315

ES215



ES-215/ES-315 PORTABLE AUTOCLAVES

Featuring Delayed Start Timer and Warming Cycle

TOMY ES-215 and ES-315 Autoclaves with Delayed Start Timer and Warming Cycle are completely self-contained, compact, and portable. They roll right to your workbench to give you fast, effective sterilization of media, glassware, instruments, and disposables—on the spot and on your schedule.

The ES Series Autoclaves also feature three cycles of operation and Graphic Process Display.

TOMY

ES315

ES215



Operation is very easy. Just select the cycle and set the temperature and time. The rest is automatic. A graphic display and audible alarm lets you know the process and completion of the operation.

Sales Office:

TOMY DIGITAL BIOLOGY CO.,LTD.
 "EDGE" Building
 2-9-1 Ikenohata, Taito-ku, Tokyo 110-0008, Japan
 e-mail: info@digital-biology.co.jp
 URL: http://www.digital-biology.co.jp
 phone: +81-3-5834-0810 fax: +81-3-5834-1888

Financial Department

3-14-17 Tagara, Nerima-ku, Tokyo 179-0073, Japan

TOMY TECH U.S.A., INC.

40479 Encyclopedia Circle, Fremont, California 94538, U.S.A.
 e-mail: info@tomytech.com
 URL: http://www.tomytech.com
 phone: 510-440-1976 fax: 510-440-1975
 Toll-Free US & Canada: 800-545-TOMY

TOMY SEIKO CO.,LTD.

Manufacturer:

TOMY KOGYO CO.,LTD.

3-14-17 Tagara, Nerima-ku, Tokyo 179-0073, Japan

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The ES-215 and ES-315 Autoclaves provide convenient processing of your laboratory sterilization and media preparation needs. These functional autoclaves offer three cycles of operation ranging from basic sterilization cycles to automatic warming cycles.

The eight hour warming cycle featured in the Tomy ES Series.

Autoclaves may be used directly following a sterilization cycle or independently to melt and keep sterile media ready for use.

To increase your convenience, these cycles may be programmed up to 99 hours in advance using the Delayed Start Timer. This feature enables you to have sterile media on hand and ready for use when you need it.

Tomy Autoclaves also spare you the initial installation costs associated with the plumbing and hard wiring of

conventional autoclaves because they are portable. Just plug in the power cord, add water, and let the self-contained steam generator and venting system do the rest.

Tomy's vertical loading autoclaves accommodate a wide range of items. Small items like petrie dishes and test tubes are easily accommodated in the stacking baskets while large items like a fermenter or a 25 liter carboy may be placed in a tall basket. Buckets are also available for sterilizing liquids. To ensure your safety and complete sterilization, Tomy Autoclaves are equipped with independent temperature and pressure monitoring systems.

	ES-215	ES-315
Order Number	1215	1315
Chamber Capacity	22 liters	53 liters
Temperature Setting Range(Sterilization)	105°C to 123°C	105°C to 132°C
Temperature Control	Microprocessor Control	Microprocessor Control
Temperature Display Type	Digital	Digital
Temperature Increments	1°C	1°C
Pressure Display Range	0 to 250kPa(0 to 36.3 psi)	0 to 400kPa(0 to 58.0 psi)
Pressure Display Type	Analog	Analog
Maximum Operating Pressure	147kPa(21.3 psi)	216kPa(31.3 psi)
Sterilization Heat Source	Stainless steel electric heater, 1.5 kW	Stainless steel electric heater, 2.0 kW
Time Control	Microprocessor Control	Microprocessor Control
Time Display	1 to 240 minutes, and continuous (Sterilization Cycle) 1 to 8 hours(Warming Cycle)	1 to 240 minutes, and continuous (Sterilization Cycle) 1 to 8 hours(Warming Cycle)
Width	400mm(15-3/4 in.)	490mm(19-5/16 in.)
Depth	460mm(18-1/8 in.)	560mm(22 in.)
Height	920mm(36-1/4 in.)	1090mm(42-7/8 in.)
Height of Worksurface	705mm(27-13/16 in.)	875mm(34-15/32 in.)
Chamber Diameter	248mm(9-3/4 in.)	325mm(12-3/4 in.)
Chamber Height	450mm(17-11/16 in.)	635mm(25 in.)
Net Weight	50kg(110 lbs.)	80kg(176 lbs.)
Power(Other voltages avail. upon request)	110/120V, 50/60Hz, 15amps 220/230/240V, 50/60Hz, 7amps	110/120V, 50/60Hz, 20amps 220/230/240V, 50/60Hz, 10amps
Accessories for the ES-215		
ACA-215B Basket (1 included) 230mm dia. × 390mm ht. 9 in. dia. × 15-3/8 in. ht. Order No.2245	ACA-215S Adjustable Shelf (for ACA-215B) Order No.2247	ACA-215K Bucket 230mm dia. × 365mm ht. 9 in. dia. × 15-3/8 in. ht. Order No.2246
	ACA-215T Basket 230mm dia. × 382mm ht. 9 in. dia. × 15 in. ht.	
Accessories for the ES-315		
ACA-315B Basket (2 included) 300mm dia. × 182mm ht. 11-13/16 in. dia. × 7-3/32 in. ht. Order No.2325	ACA-315T Basket 300mm dia. × 562mm ht. 11-13/16 in. dia. × 20-11/16 in. ht. Order No.2326	ACA-315K Bucket 300mm dia. × 280mm ht. 11-13/16 in. dia. × 11 in. ht. Order No.2327