AZA LAB / LABORATORY HEATING EQUIPMENT

FORCED CONVECTION DRYING OVEN SERIES

AZA1233 SERIES | TECHNICAL DATASHEET



PRODUCT OVERVIEW

The AZA1233 series comprises six forced-convection laboratory ovens with 30–230 L chambers. The instruments offer incubator operation from ambient +5°C to 80°C and drying-oven operation from 80°C to 300°C, with PID temperature control, PT100 sensor, digital LED display, programmable timer, stainless-steel interior and over-temperature audible/visual alarm. A spare shelf is available as an option.

TECHNICAL SPECIFICATIONS

AZA1233	Specification
AZA LAB model	AZA1233
Capacity	30 L
Internal dimensions (W × D × H)	310 × 310 × 310 mm
External dimensions (W × D × H)	460 × 510 × 695 mm
Operating temperature	Incubator: RT + 5 to 80°C; drying oven: 80 to 300°C
Temperature fluctuation	±1
Resolution / sensor	0.1°C / PT100
Temperature uniformity	Incubator: ±1.0°C; drying oven: ±2.5%
Circulation / controller	Forced convection / PID; digital LED
Timer	0–9999 min, timing-wait function
Chamber / housing	Mirror stainless steel / coated cold-rolled steel
Shelves (standard / maximum)	2 / 5
Test port / safety	Ø35 mm top port / audible and visual over-temperature alarm
Electrical supply	AC 220 / 110 V, 50 / 60 Hz
Rated consumption	800 W
Net / gross weight	33 / 42.5 kg
Package dimensions (W × D × H)	540 × 580 × 870 mm
Optional accessory	Spare shelf

AZA1233A	Specification
AZA LAB model	AZA1233A
Capacity	45 L
Internal dimensions (W × D × H)	350 × 350 × 350 mm
External dimensions (W × D × H)	500 × 550 × 735 mm
Operating temperature	Incubator: RT + 5 to 80°C; drying oven: 80 to 300°C
Temperature fluctuation	±1
Resolution / sensor	0.1°C / PT100
Temperature uniformity	Incubator: ±1.0°C; drying oven: ±2.5%
Circulation / controller	Forced convection / PID; digital LED
Timer	0–9999 min, timing-wait function
Chamber / housing	Mirror stainless steel / coated cold-rolled steel
Shelves (standard / maximum)	2 / 6
Test port / safety	Ø35 mm top port / audible and visual over-temperature alarm
Electrical supply	AC 220 / 110 V, 50 / 60 Hz
Rated consumption	1200 W
Net / gross weight	37 / 43 kg
Package dimensions (W × D × H)	630 × 600 × 910 mm
Optional accessory	Spare shelf

AZA1233B	Specification
AZA LAB model	AZA1233B
Capacity	65 L
Internal dimensions (W × D × H)	400 × 360 × 450 mm
External dimensions (W × D × H)	550 × 550 × 840 mm
Operating temperature	Incubator: RT + 5 to 80°C; drying oven: 80 to 300°C
Temperature fluctuation	±1
Resolution / sensor	0.1°C / PT100
Temperature uniformity	Incubator: ±1.0°C; drying oven: ±2.5%
Circulation / controller	Forced convection / PID; digital LED
Timer	0–9999 min, timing-wait function
Chamber / housing	Mirror stainless steel / coated cold-rolled steel
Shelves (standard / maximum)	2 / 8
Test port / safety	Ø35 mm top port / audible and visual over-temperature alarm
Electrical supply	AC 220 / 110 V, 50 / 60 Hz
Rated consumption	1600 W
Net / gross weight	44 / 49 kg
Package dimensions (W × D × H)	640 × 630 × 1210 mm
Optional accessory	Spare shelf

AZA1233C	Specification
AZA LAB model	AZA1233C
Capacity	85 L
Internal dimensions (W × D × H)	450 × 420 × 450 mm
External dimensions (W × D × H)	590 × 610 × 830 mm
Operating temperature	Incubator: RT + 5 to 80°C; drying oven: 80 to 300°C
Temperature fluctuation	±1
Resolution / sensor	0.1°C / PT100
Temperature uniformity	Incubator: ±1.0°C; drying oven: ±2.5%
Circulation / controller	Forced convection / PID; digital LED
Timer	0–9999 min, timing-wait function
Chamber / housing	Mirror stainless steel / coated cold-rolled steel
Shelves (standard / maximum)	2 / 8

Test port / safety	Ø35 mm top port / audible and visual over-temperature alarm
Electrical supply	AC 220 / 110 V, 50 / 60 Hz
Rated consumption	2000 W
Net / gross weight	50 / 56 kg
Package dimensions (W × D × H)	680 × 685 × 1000 mm
Optional accessory	Spare shelf

AZA1233D | DOI-125E	**Specification**
AZA LAB model	AZA1233D
Capacity	125 L
Internal dimensions (W × D × H)	500 × 450 × 550 mm
External dimensions (W × D × H)	636 × 680 × 915 mm
Operating temperature	Incubator: RT + 5 to 80°C; drying oven: 80 to 300°C
Temperature fluctuation	±1
Resolution / sensor	0.1°C / PT100
Temperature uniformity	Incubator: ±1.0°C; drying oven: ±2.5%
Circulation / controller	Forced convection / PID; digital LED
Timer	0–9999 min, timing-wait function
Chamber / housing	Mirror stainless steel / coated cold-rolled steel
Shelves (standard / maximum)	2 / 11
Test port / safety	Ø35 mm top port / audible and visual over-temperature alarm
Electrical supply	AC 220 / 110 V, 50 / 60 Hz
Rated consumption	2300 W
Net / gross weight	60 / 66 kg
Package dimensions (W × D × H)	710 × 730 × 1100 mm
Optional accessory	Spare shelf

AZA1233E | DOI-230E	**Specification**
AZA LAB model	AZA1233E
Capacity	230 L
Internal dimensions (W × D × H)	600 × 500 × 750 mm
External dimensions (W × D × H)	730 × 680 × 1250 mm
Operating temperature	Incubator: RT + 5 to 80°C; drying oven: 80 to 300°C
Temperature fluctuation	±1
Resolution / sensor	0.1°C / PT100
Temperature uniformity	Incubator: ±1.0°C; drying oven: ±2.5%
Circulation / controller	Forced convection / PID; digital LED
Timer	0–9999 min, timing-wait function
Chamber / housing	Mirror stainless steel / coated cold-rolled steel
Shelves (standard / maximum)	2 / 17
Test port / safety	Ø35 mm top port / audible and visual over-temperature alarm
Electrical supply	AC 220 / 110 V, 50 / 60 Hz
Rated consumption	3000 W
Net / gross weight	94 / 120 kg
Package dimensions (W × D × H)	857 × 885 × 1287 mm
Optional accessory	Spare shelf

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