

ASI-6503LC

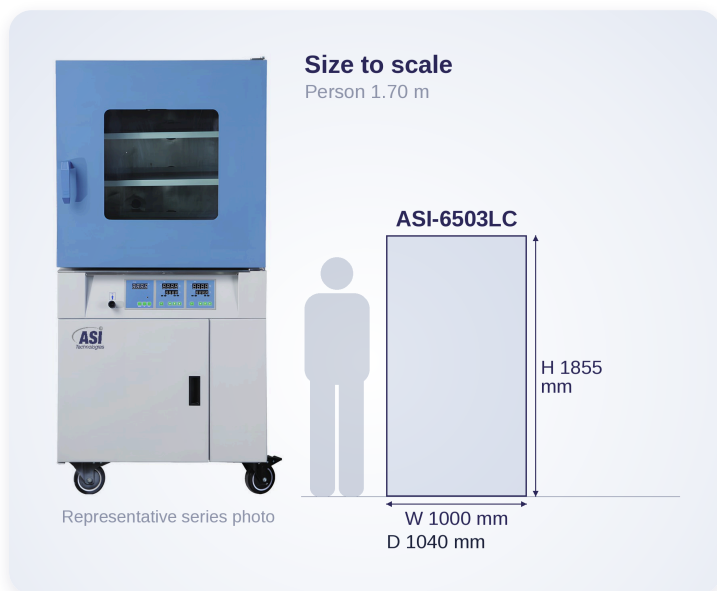
Automatic Vacuum Drying Oven · Digital Vacuum Display & Control

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Main function

The **ASI-6503LC** automatic vacuum drying oven offers short heating times, precise control and safe, reliable operation — ideal for drying **heat-sensitive and easily oxidized** materials.

A microcomputer controls the vacuum level and pump through a **digital pressure sensor**; programmed vacuum cycles (up to **99**) and a **15-segment** temperature program shorten drying time.

200 °C

Max temperature

±1 °C

Fluctuation

10–10⁵ Pa

Vacuum control

630×810×845

Chamber (mm)

4 shelves

Independent control

Key Features

- **15-segment** program, 1–9,999 min per segment
- Ramp control (temperature–time–temperature)
- Programmed vacuum cycling, up to **99** cycles
- Digital vacuum gauge, piezoresistive sensor
- Vacuum set point accuracy **±1%**
- Toughened double-layer glass viewing door
- Silicone door seal, **SS 304** chamber
- Independent temperature control per shelf

תקציר בעברית: תנור ייבוש ואקום אוטומטי **ASI-6503LC** לייבוש חומרים רגישים לחום ולחמצון. בקרת ואקום דיגיטלית עם מחזורי ואקום מתוכנתים (עד 99), תוכנית טמפרטורה של **15 מקטעים**, טווח **RT+10 עד 200°C**, תא נירוסטה **SS 304** מדפים. בקרת טמפרטורה נפרדת לכל מדף.



Dimensions

Internal dimensions	630 × 810 × 845 mm
External dimensions	1000 × 1040 × 1855 mm
Shelves	4 (independent temperature control per shelf)
Chamber material	SS 304 stainless steel

Temperature

Temperature range	RT+10 to 200 °C
Resolution	0.1 °C
Fluctuation	±1 °C
Program	15 segments, 1–9,999 min each; ramp control; scheduled start / stop

Vacuum

Vacuum gauge	Digital display
Vacuum sensor	Piezoresistive silicon pressure sensor
Control range	10–10 ⁵ Pa
Minimum vacuum	133 Pa
Control accuracy	±1%
Vacuum cycling	Programmable min / max set points, up to 99 cycles

Utilities

Voltage	AC 380V, 50 Hz
Input power	3800 W
Test conditions	Performance measured without load, ambient 20 °C, 50% RH

Specifications are subject to change without notice. Rev. history — 01 — first issue