TECHNICAL DATA SHEET

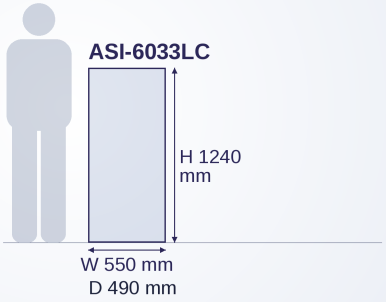
ASI-6033LC

Automatic Vacuum Drying Oven · Digital Vacuum Display & Control

P/N 50319	**Document** TDS-50319	**Rev.** 01	**Date** 19 Oct 2026

Representative series photo

Size to scale
Person 1.70 m



Main function

The **ASI-6033LC** 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	±1 °C	10–10⁵ Pa	320×320×320	2 shelves
Max temperature	Fluctuation	Vacuum control	Chamber (mm)	SS 304

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
- Inert-gas filling; scheduled start / stop

תקציר בעברית: תנור ייבוש ואקום אוטומטי **ASI-6033LC** 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, 2 מדפים.

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asi-tech.co.il/product/תנורי-וואקום-מבוקרים/

Dimensions	
Internal dimensions	320 × 320 × 320 mm
External dimensions	550 × 490 × 1240 mm
Shelves	2
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 220V, 50 Hz
Input power	1200 W
Test conditions	Performance measured without load, ambient 20 °C, 50% RH

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