



ATLAS DRY

CABINETS



ULTRA FAST DRYING CABINET

ADC-1400 Series

www.atlasdry.com

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ADC-1400 Series

The ultimate solution for storing, dehumidifying, and baking your moisture-sensitive (MSD) products, ensuring optimal protection and performance. With its comprehensive software and next-generation design, these devices are the fastest and most precise dehumidifiers on the market. By preventing damage and deterioration caused by moisture, they eliminate scrap and failures, directly improving production quality. Additionally, with the optional heating feature, you can accelerate the dehumidification process through baking.

Technical Data

Humidity level :	≤0.5% RH
Internal dimensions:	(W x H x D) 1407 x 1600 x 610 mm
External dimensions:	(W x H x D) 1410 x 2000 x 745 mm
Volume:	1373 L
Weight:	200 kg
Shelf weight capacity:	60 kg Max
Max. loading capacity:	450 kg
Body:	Conductive Steel <10 ³ Ω/sq
ESD Safe:	Compliant with IEC 61340-5-1 standards
Electric supply:	230 V / 50 Hz (120 V / 60 Hz optionally available)
Power consumption:	50 W/h average
Protection class:	Class 1, hard grounded

Display

- 7-inch 800 x 480 TFT LCD Touchscreen Display.
- One-touch humidity and temperature control.
- Complies with NEMA4 / IP66 durability standards.
- Built-in 4GB Flash Memory and RTC.
- User-friendly interface.
- CE and UL certified.
- Available in 12 languages.
- Built-in voice commands for seamless operation and guidance.
- Password-protected access.

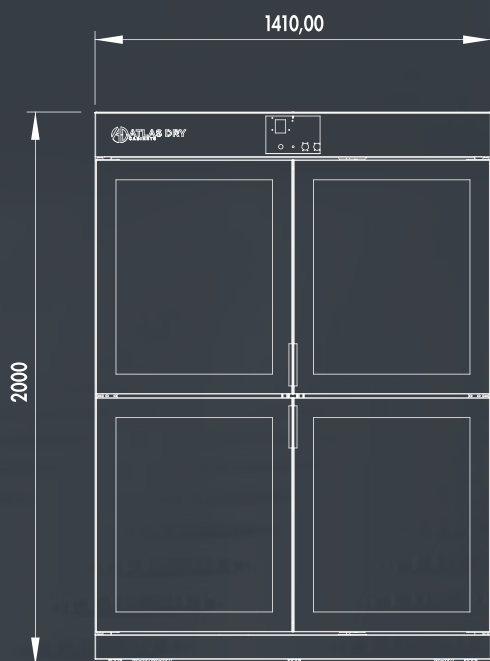


Standard Features

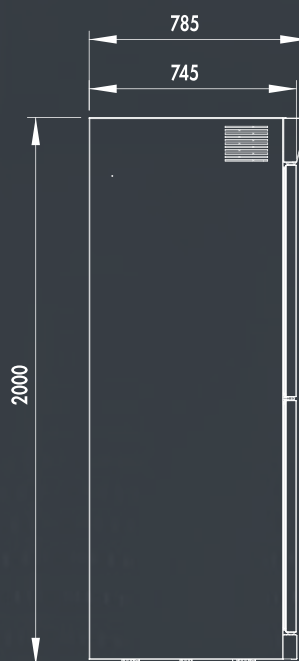
				
ADC-1404-01	ADC-1404-02	ADC-1404-N	ADC-1404-N1	ADC-1404-N2
1 x Drying Unit	2 x Drying Units	Intelligent Nitrogen Control Unit (INCUI)	1 x Drying Unit + Intelligent Nitrogen Control Unit (INCUI)	2 x Drying Units + Intelligent Nitrogen Control Unit (INCUI)

Maintenance	Maintenance-free, easy to service
Shelves (width x depth)	10 pcs, 670 x 610 mm adjustable (max. 60 pcs)
High Accuracy Sensor	+/- 0.3% RH Humidity, +/- 0.5°C Temperature
Online Functionality	Internet connectivity via Wi-Fi or Ethernet cable Remote monitoring system Free visualization software for PC
Language Option	12 different languages
Alarm Buzzer	Door, humidity, temperature, and system alarm (70 dB(A))
Regeneration	Dynamic regeneration
Casters	4 Castors
Door	4 Doors, Double Insulated Glass

Technical Drawings



Front View



Side View

Optional Features

	Sliding Shelves	Extendable sliding shelf with bearings.
	Heating Unit	Adjustable setpoint, up to 45°C, 60°C, 100°C, 130°C for speeding up the drying process.
	Cooling Unit	Adjustable setpoint, down to 15°C or 5°C.
	Lighting	LED-Interior lights.
	Automatic Door Lock	Automatic door locks with password protection.
	Outdoor Sensor	Ambient relative humidity and temperature sensor.
	Alarm Light Bar	Three-colored lights bar.
	SMD-Reel Rack	Reel holder for up to 20 reels (3 reel racks in a row on 1 shelf, 60 reels storage on a single shelf).
	PCB Rack	PCB holder.
	Feeder Holder Rack	Feeder rack tailored for various brands and models.
	HEPA Filter	Class 1000 (ISO 6).
	Humidifier Unit	Adjustable setpoint, up to 95% RH.
	RFID	RFID Access.
	Atlas Storage Manager Software	MSD components traceability software compliant with IPC standards.



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ATLAS DRY MÜHENDİSLİK SAN. TİC. A.Ş.

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