

Atlas ADC Drying Cabinets

Atlas Dry Cabinets · Full ADC range · 5 series

P/N FAM-ATLAS-ADC

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Description

The **Atlas ADC** drying cabinets store and dehumidify moisture-sensitive devices (MSD), PCBs and electronic components. The range covers **five series from 316 L to 1913 L** with 1, 2 or 4 doors, all bringing the internal humidity from **50% to 1% RH in about 6 minutes** and holding levels as low as **0.5% RH**.

Dual drying units regenerate alternately, so one always works while the other regenerates, with no maintenance or consumables. A 7" touchscreen, data logging and Wi-Fi / Ethernet / ModBus give full control; heating, cooling and nitrogen units are available as options.

≤ 0.5% RH

Humidity

6 min

50% → 1% RH

5 series

1, 2 or 4 doors

316–1913 L

Volume

50 W

Average power

Key Features

- Fast recovery — **50% to 1% RH in 6 min**; as low as **0.5% RH**
- **Dual dryers**: one regenerates while the other works — no maintenance or consumables
- High-accuracy sensor (**±0.3% RH**) with calibration certificate; uniform conditions throughout the cabinet
- **7" touchscreen**, data logger, Wi-Fi / Ethernet / ModBus, remote diagnostics
- Options: heating 45–130 °C, cooling to 15 °C or 5 °C, nitrogen unit, automatic door lock
- ESD-safe construction; mechanics, electronics and software developed in-house

תקציר בעברית: Atlas ADC – משפחת ארונות ייבוש לרכיבים רגישים ללחות, בחמש סדרות: ADC-900, ADC-1400, ADC-1900, ADC-300 ו-ADC-700. בנפחים 316 עד 1913 ליטר ועם 1, 2 או 4 דלתות. ירידה מ-50% ל-1%RH תוך 6 דקות, עד 0.5%RH. שני מייבשים מתחלפים ללא תחזוקה, חיישן ±0.3%RH, מסך מגע 7", רישום נתונים ותקשורת. אופציות: חימום, קירור, חנקן ונעילה.



Series overview (Atlas catalog)					
Series	ADC-1900	ADC-1400	ADC-900	ADC-700	ADC-300
External W × H × D (mm)	1410 × 2000 × 985	1410 × 2000 × 745	700 × 2000 × 985	700 × 2000 × 745	700 × 1100 × 745
Internal W × H × D (mm)	1407 × 1600 × 850	1407 × 1600 × 610	670 × 1600 × 850	670 × 1600 × 610	670 × 775 × 610
Volume	1913 L	1373 L	911 L	653 L	316 L
Doors	4	4	2	2	1
Shelves	10	10	5	5	2
Average power	50 W	50 W	50 W	50 W	50 W
Weight	TBC	200 kg	TBC	TBC	TBC
Max. loading	TBC	450 kg	TBC	TBC	TBC
Models with ASI P/N	ADC-1904-N2 · 51270	ADC-1404-02 · 51295	—	—	ADC-301-01 · 51296
	ADC-1904-02 · 51297				
Common data (all series)					
Humidity range	down to 0.5% RH; 50% → 1% RH in approx. 6 min				
Sensor accuracy	±0.3% RH, with calibration certificate (ADC-1400 brochure: ±0.3% RH · ±0.5 °C)				
Drying system	Dual dryers with alternating regeneration; no maintenance or consumables				
Control and display	7" touchscreen: humidity, temperature, alarms, door locks, lighting; diagnostic page for remote troubleshooting				
Connectivity	Data logger (years of data, downloadable reports); Wi-Fi, Ethernet, ModBus; remote access by tablet, phone or PC				
Security	Automatic adjustable door lock with user authorisation and access tracking (option)				
Heating / cooling	Heating 45–130 °C for baking and floor-life reset; cooling to 15 °C or 5 °C (options)				
Nitrogen	Nitrogen dehumidification system working together with the drying units (option)				
ESD	ESD-safe construction				
Version code (ADC-1400 brochure — availability per series to be confirmed)					
-01 / -02	1 / 2 drying units				
-N	Intelligent nitrogen control unit (INCU)				
-N1 / -N2	1 / 2 drying units + INCU				
Accessories — ASI P/N					
Accessory	ADC-1900	ADC-1400	ADC-900	ADC-700	ADC-300
60 °C heater kit (PID)	51280	51291	—	—	—
100 °C heater kit (PID)	—	51283	—	—	51290
Automatic door lock (password)	51279	51282	—	—	—
Indoor light	51281	51289	—	—	51288
Stainless-steel sliding shelf	—	51286	—	—	—
External environmental sensor	51284 (all series)				
Tower lamp (3 lights)	51285 (all series)				
RFID access	51287 (all series)				
Dry cabinet door lock	72707				

Specifications are subject to change without notice. Rev. history — 01 — First issue (Kobi approved 19.10.2026)