Tray Dryer

Code: AL-503 GST: 18% Brand: AVAIN LABS








AVAIN LABS® Digital Tray Dryer

The AVAIN LABS® Digital Tray Dryer is a high-performance industrial drying solution designed for uniform and efficient drying in pharmaceutical, chemical, food, and laboratory applications. It features a double-walled construction, with inner and outer bodies made of mild steel (powder coated) or stainless steel, ensuring durability and corrosion resistance.

The unit is equipped with aluminium or stainless steel trays and insulated with 75 mm high-grade glass wool for excellent heat retention. A microprocessor-based digital temperature controller along with a forced air blower ensures uniform temperature distribution with an accuracy of ±3°C.

Operating in a temperature range from ambient to 250°C, the tray dryer delivers reliable and consistent performance. It runs on 220–440V, 50Hz power supply, making it suitable for various industrial environments.

Note: Available with SS 304 chamber, 20-gauge outer body, high-grade powder coating, and superior quality components.

You are requested to select the appropriate range prior to placing your order.

Key Features:

- Double-walled construction (mild steel painted or stainless steel)
- 75 mm glass wool insulation for thermal efficiency
- Aluminum/Stainless Steel trays for versatile use
- Microprocessor digital temperature controller
- Built-in blower for uniform heat circulation
- Temperature range: Ambient to 250°C
- Accuracy: ±3°C
- Durable, corrosion-resistant construction
- Operates on 220/440V, 50Hz

Common Applications:

- Drying of chemicals, powders, and granules
- Pharmaceutical and food processing industries
- Laboratory and research drying applications
- Industrial material processing
- Quality control and testing labs

Specifications

Cat No	Chamber size (HxWxD) mm | Tray | Tray cap inches | Chamber Material
Optional (TD1)	Extra Tray | | 16x32x1¼ | Aluminum-GI
Optional (TD2)	Extra Tray | | 16x32x1¼ | Stainless Steel
Optional (TD3)	Microprocessor PID Digital Temp Controller

Available models (20)

Cat. No.	Chamber size (HxWx...	Tray	Tray cap inches	Chamber Material	HSN
AL-503A1	430x840x650	8	16x32x1¼	Outer Inner SS GMP	
AL-503A2	430x840x650	8	16x32x1¼	Outer MS Inner SS 304	
AL-503A3	430x840x650	8	16x32x1¼	Outer MS Inner SS 202	
AL-503A4	430x840x650	8	16x32x1¼	Inner Outer MS	
AL-503B1	430x840x910	12	16x32x1¼	Outer Inner SS GMP	
AL-503B2	430x840x910	12	16x32x1¼	Outer MS Inner SS 304	
AL-503B3	430x840x910	12	16x32x1¼	Outer MS Inner SS 202	

AL-503B4	430x840x910	12	16x32x1¼	Inner Outer MS
AL-503C1	910x840x910	24	16x32x1¼	Outer Inner SS GMP
AL-503C2	910x840x910	24	16x32x1¼	Outer MS Inner SS 304
AL-503C3	910x840x910	24	16x32x1¼	Outer MS Inner SS 202
AL-503C4	910x840x910	24	16x32x1¼	Inner Outer MS
AL-503D1	960x1270x1450	48	16x32x1¼	Outer Inner SS GMP
AL-503D2	960x1270x1450	48	16x32x1¼	Outer MS Inner SS 304
AL-503D3	960x1270x1450	48	16x32x1¼	Outer MS Inner SS 202
AL-503D4	960x1270x1450	48	16x32x1¼	Inner Outer MS
AL-503E1	960x1700x1700	96	16x32x1¼	Outer Inner SS GMP
AL-503E2	960x1700x1700	96	16x32x1¼	Outer MS Inner SS 304
AL-503E3	960x1700x1700	96	16x32x1¼	Outer MS Inner SS 202
AL-503E4	960x1700x1700	96	16x32x1¼	Inner Outer MS
Optional TD1	Extra Tray 16x32x1¼ Aluminum-GI			
Optional TD2	Extra Tray 16x32x1¼ Stainless Steel			
Optional TD3	Microprocessor PID Digital Temp			

Scan for details & enquiry