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TECHNICAL DATA SHEET

ASI2060-450 Mono-solvent

Vapor Degreaser · Two-Chamber · Internal Automatic Basket Elevator

P/N 62051	**Document** TDS-62051	**Rev.** 03	**Date** 12 Nov 2026



Main function

The **VAPOR DEGREASER ASI2060-450 Mono-solvent** is a two-chamber vapor degreaser (boil and rinse chambers) for **mono-solvent processes**, with Spray Under Immersion (SUI), circulation and filtration in the rinse chamber, vapor zone and dryer zone, and two refrigeration systems with three cooling zones.

An **internal automatic basket elevator** transfers the basket through the process with the machine hermetically closed during the cycle, minimizing solvent loss. An ultrasonic unit can be added in the rinse chamber. Full control by PLC and HMI touch screen.

450×250×250	500×300×300	SUI + US opt.	−30 / +5 °C	Internal elevator
Basket (mm)	Tank, nominal (mm)	Rinse chamber	3 cooling zones	Closed-lid transfer

Key Features

- Two-chamber design for mono-solvent processes: boil chamber and rinse chamber, vapor zone and dryer zone
- Basket **450 × 250 × 250 mm**; 2 standard baskets supplied
- Spray Under Immersion (SUI) in the rinse chamber
- Circulation pump 50 L/min with washable stainless-steel 10 µm filter in the rinse chamber
- Optional ultrasonic unit in the rinse chamber (40 kHz, 300 W)
- 2 refrigeration systems, 3 cooling zones: −30 °C middle coils, +2…+5 °C upper and lower coils; cooling coil in the rinse chamber
- **Internal automatic basket elevator**; hermetically closed during the cycle
- **Programmable basket oscillation** (standard)
- Minimum 100% freeboard; water separator
- Tank and all wetted parts SUS316; external structure SUS304; PLC and HMI touch-screen control
- Compatible with non-flammable halogenated solvents

תקציר בעברית: ASI2060-450 Mono-solvent – דגריזר באדי ממס דו-תאי (תא רתיחה ותא שטיפה) לתהליכי Mono-Solvent, עם מעלית סל פנימית אוטומטית ותנודת סל מתוכנתת כחלק מהציוד הבסיסי; המכונה סגורה הרמטית במהלך המחזור. סל 450×250×250 מ"מ (2 סלים), שטיפת SUI, סחרור 50 ליטר לדקה וסינון 10 מיקרון בתא השטיפה, אופציה ליחידה אולטרסונית בתא השטיפה, 3 אזורי קירור (עד מינוס 30 מעלות), חלקים רטובים SUS316, בקרת PLC ומסך מגע HMI.

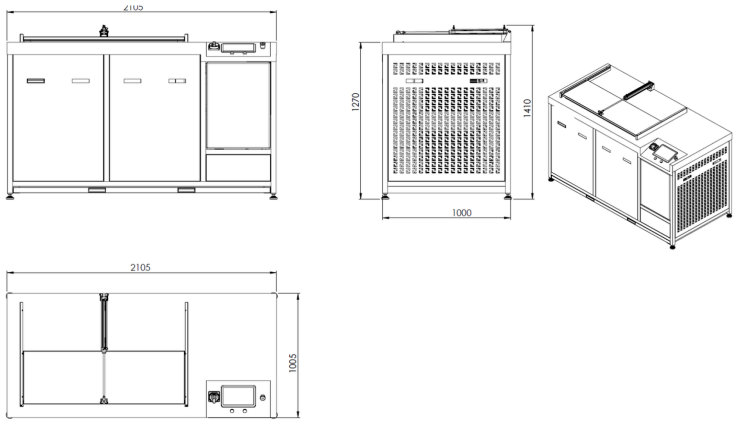
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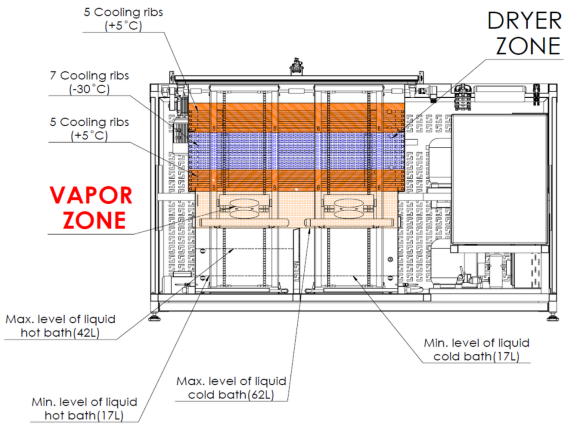
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Specifications	
Parameter	**Value**
Configuration	Two chambers (boil and rinse) with vapor zone and dryer zone; mono-solvent process
Tank size (nominal)	500 × 300 × 300 mm per chamber
Chamber internal dimensions	Rinse (cold): 505 × 345 × 350 mm; boil (hot): 505 × 345 × 340 mm
Liquid level	Rinse chamber 17–62 L; boil chamber 17–42 L (without water separator)
Initial solvent charge (typical)	122 L (mono-solvent)
Vapor zone / dryer zone	1048 × 200 × 415 mm each
Basket	450 × 250 × 250 mm; 2 standard baskets
Cleaning	Spray Under Immersion (SUI) in the rinse chamber; programmable basket oscillation (standard). Option: ultrasonic unit in the rinse chamber (40 kHz, 300 W)
Circulation & filtration	Pump 50 L/min + washable stainless-steel 10 µm filter in the rinse chamber
Heating	3 kW (boil chamber)
Distillation rate	60 L/h
Cooling	2 refrigeration systems, 3 cooling zones: −30 °C (middle coils), +2…+5 °C (upper and lower coils); cooling coil in the rinse chamber
Water separator	250 × 130 × 150 mm, 5 L
Materials	Tank, tubes and wetted parts SUS316; external structure SUS304
Control	PLC and HMI touch screen
Automation	Internal automatic basket elevator with programmable basket oscillation; hermetically closed during the cycle
Power supply	380 V, 3-phase; most machines use a 16 A supply panel and a 16 A cable (not 25 A)
Overall dimensions (W × D × H)	2105 × 1005 × 1270 mm (1410 mm to top of lid mechanism)
Shipping weight	approx. 800 kg

Ordering information	
Description	**ASI P/N**
VAPOR DEGREASER ASI2060-450 Mono-solvent, two-chamber, internal basket elevator, 2 baskets	62051
Option: ultrasonic unit in the rinse chamber (40 kHz, 300 W)	62060

General views and dimensions (mm) · internal construction – cooling zones and liquid levels





Specifications are subject to change without notice. Rev. history: Rev 01: first issue, v2 format | Rev 02: power supply corrected: most machines use a 16 A supply panel and 16 A cable (not 25 A) | Rev 03: עדכון עיצוב, ללא שינוי טכני