ASI Technologies

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TECHNICAL DATA SHEET

ASI2060-250RP

Co / Mono Solvent Vapor Degreaser · Two-Chamber · with External Pneumatic Robot

P/N 62052 **Document** TDS-62052 **Rev.** 03 **Date** 12 Nov 2026



Main function

The **ASI2060-250RP** is a two-chamber solvent degreaser combining Spray Under Immersion (SUI), ultrasonic cleaning, filtration and controlled cooling.

The system is operated by PLC and HMI and is equipped with an **external pneumatic robot** for automatic basket transfer between the chambers.

320×300×250	35–40 L	SUI + US	2 × 750 W	Pneumatic robot
Internal chamber (mm)	Initial solvent fill	Washing chamber	Heating	Basket transfer

Key Features

- Internal chamber dimensions: **320 × 300 × 250 mm**
- Initial solvent filling: 35–40 L
- 1 standard basket, approx. 50 mm smaller than the chamber on each side
- SUI and ultrasonic cleaning in the washing chamber (ultrasonic generator 40 kHz, 300 W)
- Pump and filter in the washing chamber
- Two independent refrigeration systems; three cooling zones (−30 °C and +2…+5 °C)
- SUS316 wetted parts and tank; SUS304 external structure
- 2 × 750 W heating elements; water separator
- PLC and HMI control (7" touch screen)
- **External pneumatic robot** for basket transfer

תקציר בעברית: ASI2060-250RP – מכונת שטיפה באדי ממס (Co/Mono Solvent) דו-תאית עם רובוט פנאומטי חיצוני להעברת הסל. שטיפה בהתזה מתחת לנוזל (SUI) ואולטרסוני, סינון וקירור מבוקר. תא פנימי 320×300×250 מ"מ, מילוי ממס ראשוני 35–40 ליטר, שתי מערכות קירור עצמאיות, חלקים רטובים SUS316, בקרת PLC ו-HMI.

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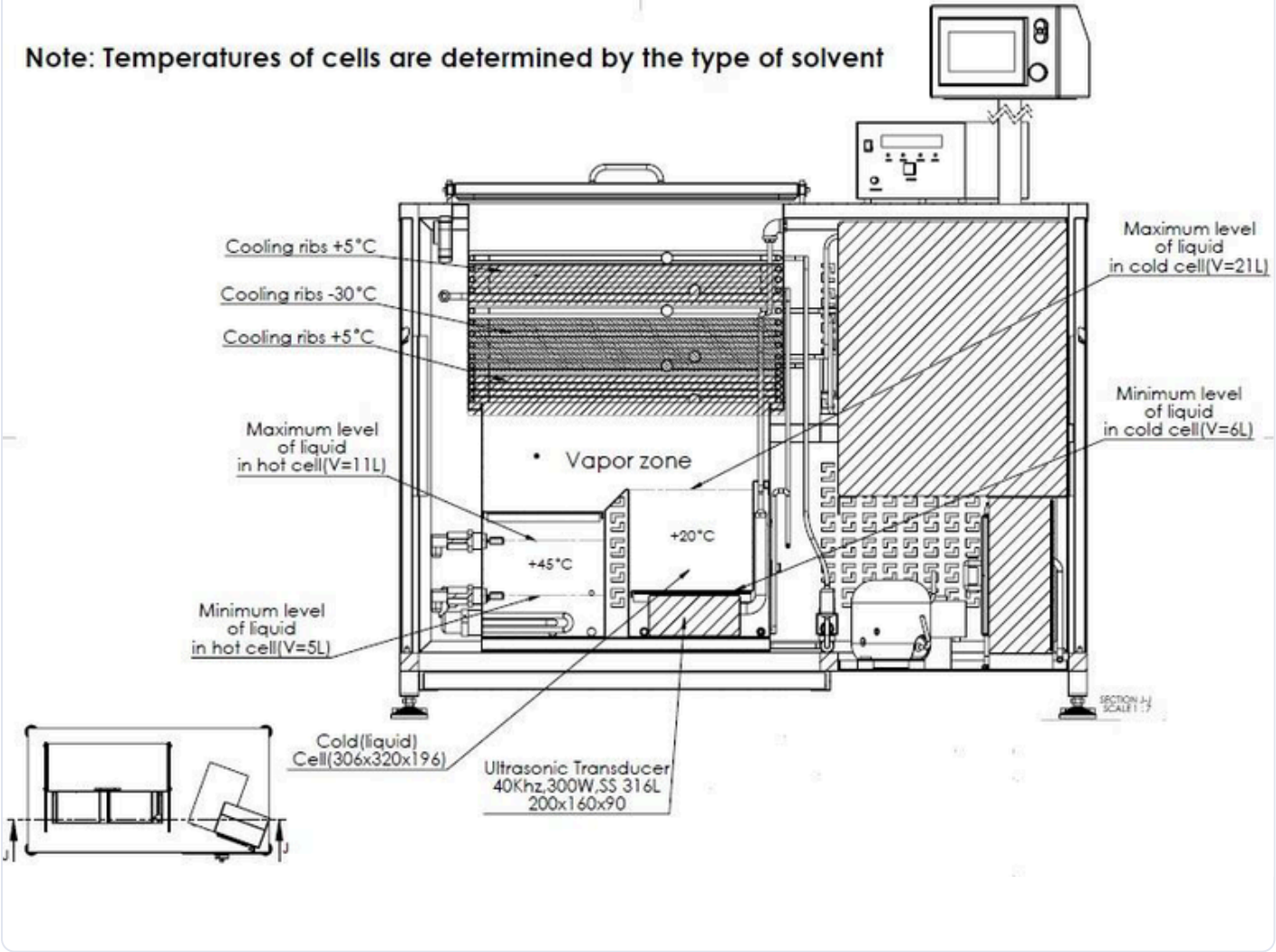
www.asi-tech.co.il/4503

Specifications	
Parameter	**Value**
Configuration	Two chambers (hot cell and cold cell) with vapor zone
Internal chamber dimensions	320 × 300 × 250 mm
Basket	1 standard basket, approx. 50 mm smaller on each side
Initial solvent filling	35–40 L
Cleaning methods	Spray Under Immersion (SUI), ultrasonic
Ultrasonic generator	40 kHz, 300 W
Heating	2 × 750 W
Cooling	2 independent refrigeration systems, 3 cooling zones (−30 °C and +2…+5 °C)
Filtration	Pump and filter in washing chamber; water separator
Materials	SUS316 wetted parts and tank; SUS304 external structure
Control	PLC and HMI, 7" touch screen, emergency stop
Automation	External pneumatic robot for basket transfer

Ordering information	
Description	**ASI P/N**
ASI2060-250RP mono solvent vapor degreaser with external pneumatic robot	62052

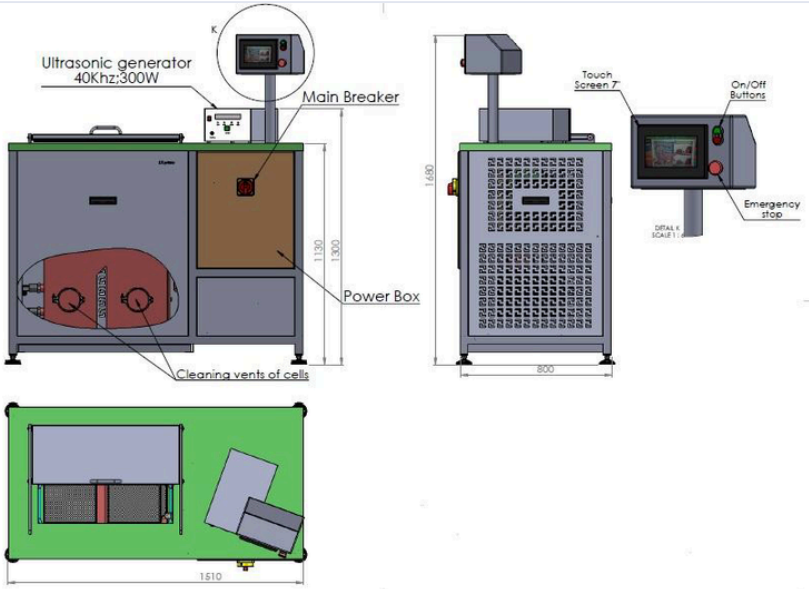
Specifications are subject to change without notice. Rev. history: Rev 01: original ASI datasheet (titled ASI2060-250) | Rev 02: model name corrected to ASI2060-250RP (with external pneumatic robot); v2 format | Rev 03: עדכון עיצוב, ללא שינוי טכני

Section drawing (cells, cooling zones, liquid levels, ultrasonic transducer)



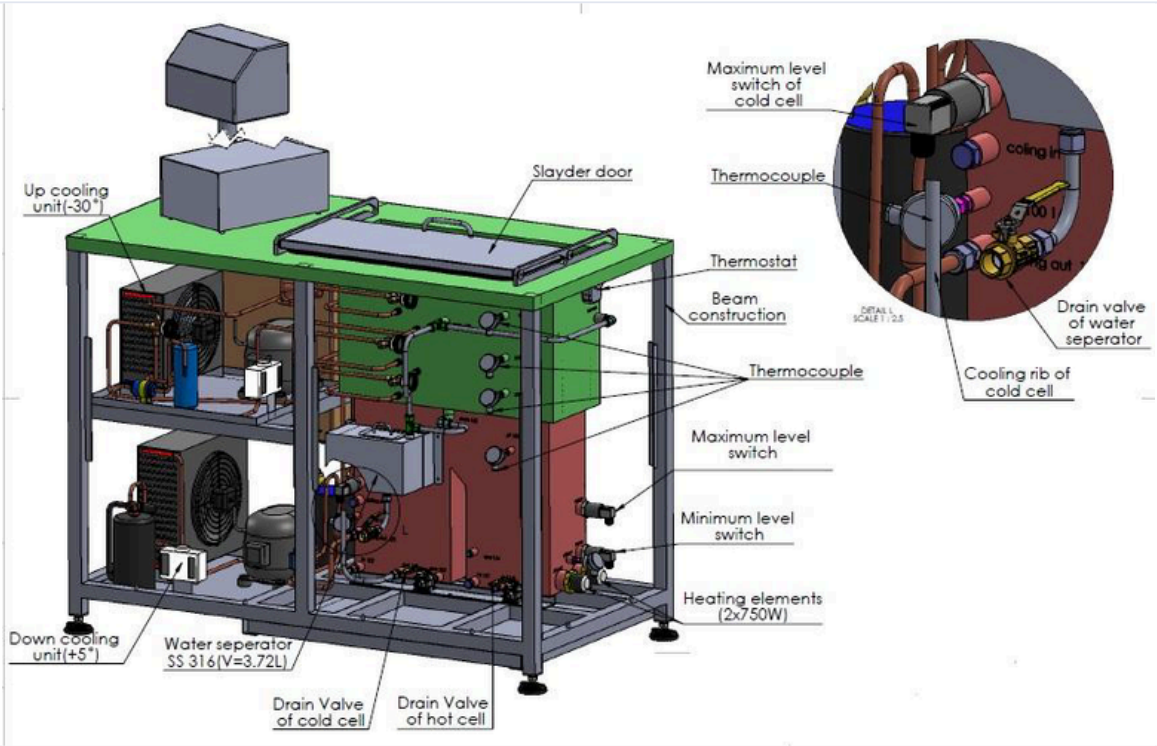
Section view of the two-chamber degreaser. Cell temperatures are determined by the type of solvent.

General views and layout



General views and layout of the degreaser (front view, side view with touch screen and emergency stop, top view).

Internal construction



Internal construction: cooling units, thermocouples, level switches, heating elements and drain valves.