



Washing Machine for Dimensional Stability Tester Model: ADL-DST8

Versatility

Electric <> Hot Water
Drain Valve <> Pump
Single <> Stacked
Wet Cleaning standard
Suitable for many sectors: Garments, Textile, Buying House, Laundry Industry Restaurants, Campaigns, Laundromats, Dry Cleaners, Nurseries, Facility services etc



Features

High G factor 450
User friendly and fully programmable AdLab-DST8 control with 4,3" touch screen
Display of videos (very useful for self-service) 8 dosing signals as standard
USB connection. Free PC software for programming, traceability, data analysis... Traceability as standard WET CLEANING as standard: fully adjustable water levels and washing speeds for delicate laundry Remote communication ready Multi-payment system
Short washing cycles (heating power 6 kw)

Replacement with Wascator & Miele Washing Machine

Options

- Double drain kit (only models with drain valve)
- Valve-pump transformation kit
- 6 extra dosing signals for dosing pumps
- Door silicone gasket
- Reversing door opening
- Tropicalized model: protected board
- AISI 304 stainless steel outer casing
- Online communication kit
- Soap dispenser on the top
- Plinth for better ergonomics (loading height)
- Plinth for mops, filter included (only model with valve)
- Plinth for water recovery (tank included)
- Coin kits: token/coins meter + box, central pay
- Automatic door unlock device (in case of power failure)
- Ship tension



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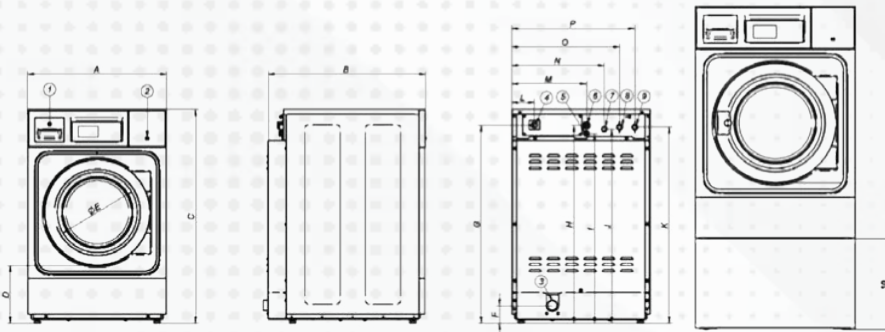
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TECHNICAL DATA	UNIT	ADLAB-DST8	
DRUM			
Capacity	Kg	8	
Volume	l	80	
Diameter	mm	532	
Depth	mm	360	
GENERAL DATA			
Washing / spinning speed	r.p.m	50/1250	
G factor	-	450	
Maximum force transmitted	KN	1,47 ±0,53	
Frequency dynamic force	Hz	18,33	
Sound level	dB	<70	
Self service version	-	YES	
Double drain	-	YES	
Weighing system	-	NO	
DOOR			
Center door height / base door height	mm	537/280	
Diameter	mm	373	
POWER			
Motor	kW	0, 75	
Electric heating power	kW	6	
Total electric power (electric model)	kW	6, 25	
Total electric power (hot water model)	kW	0, 75	
CONNECTIONS		ELECT.	HOT W.
Tension 230V- I + N + T	N° x mm ² / A	2x4 /32A	2x1,5 /16A
Tension 230V- III + T		3x2,5 /20A	-
Tension 400V- III + N + T		4x1,5 /16A	-
Tension 110V I + N + T			2x1,5 /10A
Tension 400V III + T		4x1,5 /16A	4x1,5 /16A
Water inlet	BSP	3/4"	
Drain	BSP	2"	
DIMENSIONS/PACKING DIMENSIONS			
Net width / Gross width	mm	680 / 710	
Net depth / Gross width	mm	698 / 832	
Net height / Gross height	mm	1.040 / 1.130	
Net weight / Gross weight	kg	140 / 150	
Volume	m ³	0, 67	



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1. SOAP DISPENSER
2. USB PORT
3. DRAIN VALVE / DRAIN PUMP
4. MAIN SWITCH
5. DOSING PUMPS CONNECTION
6. ELECTRICAL CONNECTION
7. LIQUID SOAP CONNECTION
8. COLD WATER INLET
9. HOT WATER INLET
10. HEIGHT OF PLINTH: 389 MM

Wash programs

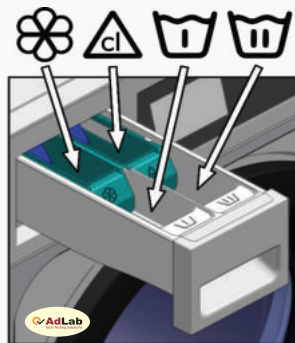
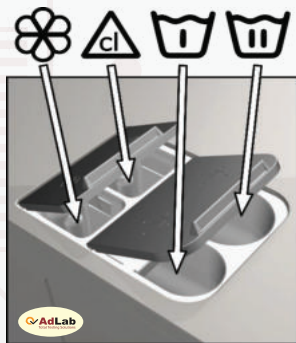
Fully own creatable/editable wash programs like IEC 60456, ISO 6330, M&S and other reputed retail brands.

AdLab machines meet specifications set by leading retailers such as:



Optional the dispenser

Add washing products to each compartment and close dispenser cover.



Powdered detergent for prewash



Powdered detergent for wash



Liquid softener



Liquid whitener (bleach)

Machine features

The machine is controlled using a microprocessor able to adapt to the needs of each user.

The machine has an intelligent control to control the water temperature; if hot water is available, it should be connected. The machine adjusts the different water inputs to maintain the programmed temperature. It has intelligent control for spin cycle management. The washing machine controls any unbalanced loads and manages the spin to ensure a good spin, reducing noise and extending the useful life of wearable components, thus significantly reducing fatigue in the mechanic components.



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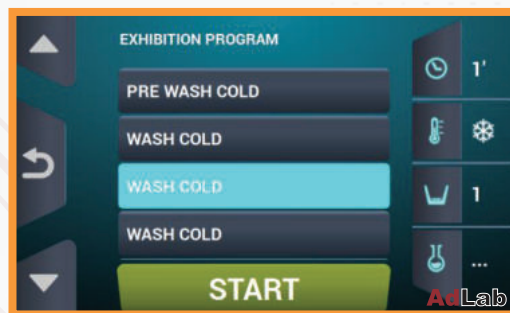
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Main Screen

The Main screen of the washing machine is as follows, and displays each of the available options. Some of the options may be omitted from the HUD menu.



- 1. Machine identifier:** Label identifying the machine.
- 2. Time:** Time and minutes in the selected format.
- 3. Weight of clothes:** The weight of the clothes in the machine is displayed (if the weighing kit is active) or the nominal load for the selected model (if the kit is not active), and the weight of the load entered can be edited. Option to enable/omit in HUD. Once the programme has ended or been aborted, the nominal load of the machine is selected again.
- 4. Main menu:** Access to washing machine main menu, where the different machine parameters can be configured.
- 5. Programme name:** Name configured for the selected programme.
- 6. Programme temperature:** Maximum temperature of the different cycles of the programme.
- 7. Programme number and length:** Position of the programme in the list of programmes (My Programmes), and the estimated length in minutes for the programme selected.
- 8. Increase/decrease programme number:** Permits user to scroll up or down the list of selected programmes. As well as using the buttons, the programme can be increased/decreased by pressing directly on the programme information (just above the button).
- 9. Start:** Button to start running the selected programme from the cycle indicated.
- 10. Programme cycles:** Press the selected programme icon to display the programme cycles and select the cycle you wish to start with. In addition, it is possible to configure a programme instantly, that is, change the parameters of a cycle (time, temperature, level and dosage) for the current programme. These values are not saved for future programme runs.





**Washing Machine for Dimensional Stability Tester
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Run screen

When START is pressed, the programme begins and all the relevant programme information is displayed on this screen. Some of the options may be omitted from the HUD menu.



- 1. Machine identifier:** Label identifying the machine.
- 2. Time:** Time and minutes in the selected format.
- 3. Programme running:** Programme name, Programme number, Programme length.
- 4. Programme progress indicator:** Status of programme progress, relation between total time and time remaining for programme.
Translation of original instructions.
- 5. Programme number and length:** Position of the programme in the list of programmes (My Programmes), and the estimated length in minutes for the programme selected.
- 6. Status (drawing):** Animated drawing showing the current cycle of the washing machine (filling, draining, washing, rinsing, spinning or untangling).

	Opening door		Forward tilting.
	Heating		Backward tilting.
	Untangling.		Spinning.
	Cooling.		Finalising.
	Filling.		Washing.
	Stopping.		Programmed stop.
	Drying clothes.		Draining.



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7. **Currently running cycle:** Identifier and name of currently running cycle.
8. **Next cycle:** Identifier, name and drawing of next cycle (if the current cycle is the last cycle, nothing is displayed).
9. **Advance cycle:** Button to go to next cycle (if the current cycle is the last cycle, nothing is displayed). As well as using the button, the cycle can be advanced by pressing directly on the information for the next cycle (just above the button).
10. **Pause:** Button to pause the current programme. If the programme is paused, the pause icon will change to the play icon. The programme can be restarted from where it was interrupted.
11. **Stop:** Button to stop and cancel the programme. A confirmation message will be requested.
12. **Run menu:** Access to the current parameters.

Settings/values

Display of settings and true values for the current cycle (Temperature, Level, Time remaining). Press the buttons on the right column to edit the settings. The changes will only affect the current wash.



Programmes

There is a programme library consisting of all the programmes installed by default, together with the programmes created by the user. Before explaining the programme management, details are given of their parameters and of the standard programmes found in the library.

Cycle parameters

- **Cycle name:** Name identifying the cycle. This is not the text displayed on the Run screen, but the text which identifies a created cycle.
- **Time:** Value, in minutes, of the cycle length. Range can be configured from 1 to 99.
- **Temperature:** Temperature, °C or °F, of current cycle.
- Range can be configured from 20°C (68°F) to 90°C (194°F).
- **Level:** Water level at which cycle should be run. Ranges which can be configured. There are 5 types of level: Minimum (1), Low (2), Medium (3), High (4), Maximum (5)
- **Speed:** Speed of current cycle Ranges which can be configured (see section 4.2). There are 4 different speeds to select from: Minimum (1), Low (2), Normal (3), High (4).
- **Wash rate:** Sequence of movement that washing machine must follow (run time (seconds) / stop time (seconds)). Range can be configured from 1 to 99. The drum alternately turns to the left and to the right.



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- **Water inlet:** This indicates the selection of the required water inlet.
 1. Hot water: Load water from the hot water inlet (Yes/No).
 2. Cold water: Load water from the cold water inlet (Yes/No).
 3. Auxiliary: Load water from the auxiliary water inlet (Yes/No).
 4. Water adjustment: Load water from one or other inlet depending on the temperature (Yes/No).
 5. T1, T2, T3: Load water from any of the tanks if recovery KIT is fitted.
- **Drainage:** This displays whether the water should be drained at the end of the cycle, indicating which outlet should be used if the recovery kit is active.
- **Cooling:** Option that permits the temperature in a cycle to be lowered before drainage or going to the next cycle. Configurable parameter only if the cycle temperature is equal to or higher than 40°C (104°F). Range can be configured from 30°C (86°F) to cycle setting.
- In addition to selecting the cooling value, there is a button to enable or disable this option.
- **Dispenser 1.8:** Each dispenser can be activated independently, and the following parameters must be configured if it is activated.

Cycle library

These are the cycles found by default in the cycle library. These cycles can be used to form new programmes.

1. Soak cycles

- F1: Soak

2. Prewash cycles

- F2: Normal Prewash Cold
- F3: Normal Prewash 40°C (104°F)
- F4: Delicate Prewash Cold
- F5: Delicate Prewash 40°C (104°F)
- F6: Very Delicate Prewash Cold
- F7: Very Delicate Prewash 40°C (104°F)
- F8: Wet Prewash


3. Wash cycles

- F9: Normal Wash Cold
- F10: Normal Wash 60°C (140°F)
- F11: Normal Wash 90°C (194°F)
- F12: Delicate Wash Cold
- F13: Delicate Wash 40°C (104°F)
- F14: Very Delicate Wash Cold



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- F15: Very Delicate Wash 40°C (104°F)
- F16: Wet Wash Cold
- F17: Wet Wash 40°C (104°F)










4. Rinse cycles

- F18: Normal Rinse
- F19: Normal Final Rinse
- F20: Delicate Rinse
- F21: Delicate Final Rinse
- F22: Very Delicate Rinse
- F23: Very Delicate Final Rinse
- F24: Wet Rinse
- F25: Wet Final Rinse






5. Spin cycles

- F26: Short Spin
- F27: Long Spin

Cycle symbols











	Soak cycles	
	Prewash cycles	 : Prewash cold  40: Pre-wash 40 °C (104°F)
	Wash cycles	...
	Rinse cycles	 : Rinse,  : Final rinse with softener
	Spin cycles	

Symbols and values of the parameters

	Time	Value in minutes
	Temperature	Value in °C (°F)
	Level	1:Minimum, 2:Low, 3: Medium, 4:High, 5:Maximum
	Wash speed	1:Minimum, 2:Low, 3:Normal, 4:High
	Spin speed	2:Normal, 3:Rapid, 4:Maximum



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	Water inlet	0: Cold, 1: Cold/Hot according to adjustment
	Wash rate	Run time (seconds) Stop time (seconds)
	Move while filling	✓ : Yes
	Thermal stop	✓ : Yes
	Movement in drainage	✓ : Yes
	Drainage	✓ : Yes
	Cooling	✓ : Yes
	Optimum distribution	✓ : Yes
	Stop programme	✓ : Yes
	Untangling	✓ : Yes
D	Dispenser	Input through which dose enters (D1: Dispenser 1, ...) with the START/TIME/DELAY programmed at ML/0/30

Programme library

These are the programmes that are found by default in the programme library:

P1: Energetic 90°C (194°F)	P10: Extra delicates Cold
P2: Energetic 60°C (140°F)	P11: Economy 90°C (194°F)
P3: Energetic 30°C (86°F)	P12: Economy 60°C (140°F)
P4: Energetic cold	P13: Economy 30°C (86°F)
P5: Normal 60°C (140°F)	P14: Economy cold
P6: Normal 30°C (86°F)	P15: Sluice
P7: Normal cold	P16: Long spin
P8: Delicates 40°C (104°F)	P17: Short spin
P9: Delicates cold	

The table of all the programmes with their parameters can be found at the end of the manual.

**Technical Data Subject to change without notice.*



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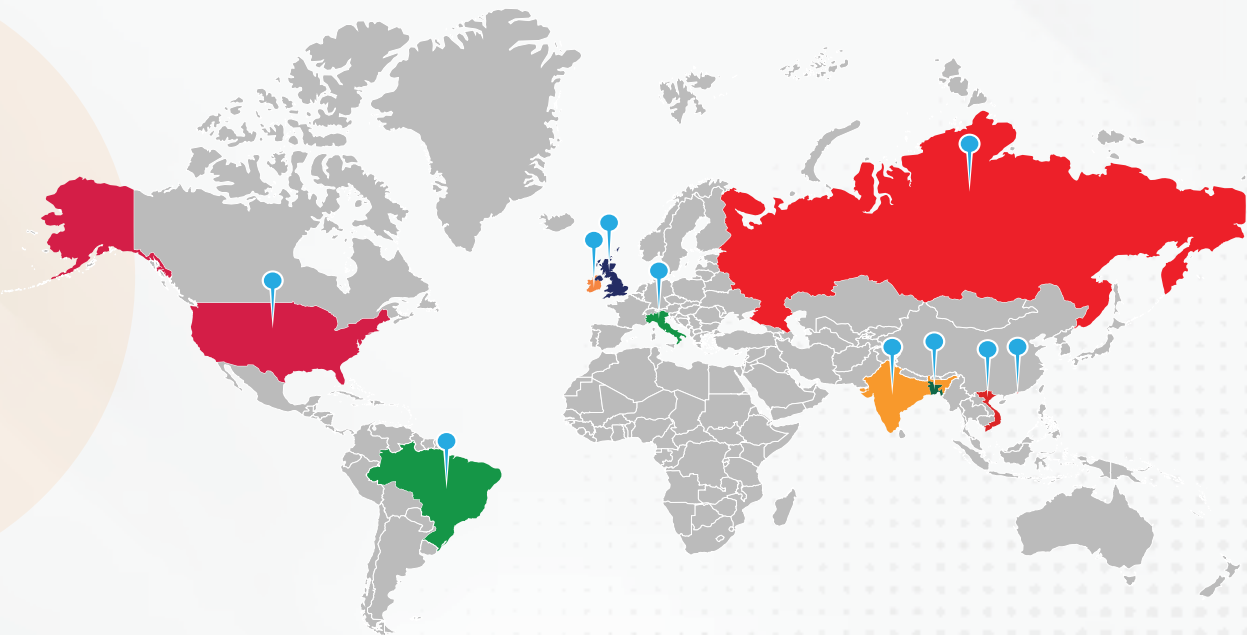
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