

The image features a close-up of an Orto Alresa laboratory machine, specifically a distiller. The machine has a white control panel with a green LCD screen displaying 'Prog: 15', 'Power: 100%', 'Time: 15m:30s', and 'Interval: Time: 05'. Above the screen is a large, cylindrical stainless steel distillation column with multiple horizontal bands. To the right, a black tray holds several cylindrical components, likely parts of the distillation process. The background is a blurred laboratory setting.

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About centrifugation

Other laboratory products | DISTILLERS

DISTILLERS



Ortoalresa's distillers allow obtaining distilled water from the water supply, with ideal characteristics for its use in other equipment and appropriate for laboratory use: reagents preparation, bacteriological cultures, final cleaning of glassware, etc.

Features

- Automatic distillers of continuous production and with water flow control.
- Stainless steel for the inner and the inner heater, stainless steel painted with epoxy for housing.
- Reduced size.
- Easily removable for its cleaning.
- High quality of distillation: obtains water of types III and IV (laboratory degree water)
- Conductivity at 20°C: 1,5 microsiemens/ cm.
- Resistivity at 20°C: 0,67 megaohms/ cm.
- PH outcoming water between 5-8 (DA 006) at 25° C.

Easy to use

- Control panel with general switch and light signals.
- Water in-put connection adjustable to the feed tube.
- Cooling water drain outlet connector adaptable to containers.

Safety

- Safety mechanism that disconnects the resistances in case of cooling water failure and connects them again when the cooling water recovers.
- Electric: earthed.
- Sealed with a silicone gasket.
- Safety system with hydraulic manager of temperature that protects the distiller in case of overheating.
- Optional accessory for limiting the flow of water optimizing the flow down to the necessary minimum.

EU Directives: 2011/65/EU, 2012/19/EU, 2014/30/EU, 2014/35/UE.

Standards: EN 61326-1, EN 61010-1, EN 61010-2-101.

Versions

	Dimensions (mm) (w x d x h)			Net Weight (Kg)	Voltage (V)	Frequency (Hz)	Power (W)	Capacity (l/h)	Refrigeration water (l/h)
DA 005	370	220	440	8	220	50-60	3.000	4	60
DA 006	370	260	640	14	220	50-60	6.000	8	84
DA 007	370	220	440	8	110	50-60	3.000	4	60

Accessories







	Description
PP 354	Plastic tank for 30 litres with tap.
PV 192	Flow water limiter DA 005/007
PV 193	Flow water limiter DA 006


Water purification


After the distillation process we obtain water with quality type III and IV, this depends directly on incoming water quality and other environmental factors.


Below we show the effectiveness of the distillation process against different compounds and organisms:

Distillation

Pyrogen and virus	
Bacteria	
Particles	
Dissolved inorganic solutes	
Dissolved inorganic gases	
Dissolved organic	


Excellent


Good


Low



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About centrifugation

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