



The distillers for solvents/water model "LM" have been designed to meet the needs of all companies that need to distill / recover solvents/water polluted during the working process by inks, pigments, oils or fats and which for logistical problems they have limited space.

MAIN FEATURES THAT DIFFERENTIATE THESE MONOBLOCK MODELS

- The height designed to facilitate the loading of the polluted solvent and the extraction of the bag containing the distillation residues thus avoiding heavy operations by the operator
- Possibility of tilting for cleaning the boiler
- Electrical panel on board machine with color display with management of all settings by means of a single knob both for the ATEX 2G version and for the ATEX 3G version
- Possibility to set double distillation cycle for those solvent mixtures with different boiling points
- End-of-cycle thermostat vapor control, this thermostat controls the outgoing vapors and blocks the cycle if the machine has finished the distillation before the set time
- Safety for controlling the overheating of the diathermic oil, the distillate and the motor fan
- Mechanical safety: overpressure of the vapors and diathermic oil
- Predisposition for the management vacuum

MODELS WE OFFER

- Load capacity: 12-30-60-120 liters
- Electrical versions: ATEX EX II 3G (ZONE 2) - ATEX EX II 2G (ZONE 1)
- Condenser: Copper - Stainless steel
- Cover gaskets: Epdm - Viton - Teflon

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STANDARD FEATURES

<i>Electric version</i>	ATEX EX II 3 G (zone 2)	ATEX EX II 2 G (zone 1)
<i>Distillation method</i>	Heating elements immersed in Diathermic oil	Heating elements immersed in Diathermic oil
<i>Effective loading capacity of the boiler in Aisi 304 stainless steel</i>	12 liters	12 liters
<i>Condenser with cooling coils</i>	Copper	Copper
<i>Lid diameter 300mm; Material: stainless steel 304</i>	Blind	Blind
<i>Gasket lid</i>	EPDM	EPDM
<i>Diathermic oil</i>	12 liters	12 liters
<i>Heating power through resistance</i>	1200W	1200W
<i>Cooling type</i>	Air	Air
<i>Electrical panel on board machine</i>	ATEX 3 G with color display	ATEX 2 G with color display
<i>Overtemperature safety devices</i>	Oil - Distillate - Motor fan	Oil - Distillate - Motor fan
<i>Mechanical safety</i>	Over pressure valves and diathermic oil	Over pressure valves and diathermic oil
<i>Additional safety</i>	Vapor temperature	Vapor temperature
<i>Cycle settings</i>	Double settings per cycle: 2 Temperatures and 2 durations	Double settings per cycle: 2 Temperatures and 2 durations
<i>Liability</i>	Vacuum management	Vacuum management
<i>Machine delivery kit</i>	3 heat-resistant bags	3 heat-resistant bags
<i>Dimension</i>	706x506x965 h mm	706x506x1060 h mm

OPTIONAL

<i>condenser</i>	<i>Stainless steel Aisi 316</i>	<i>Stainless steel Aisi 316</i>
<i>Lid diameter 300mm, Material: stainless steel 304</i>	Double inspection	Double inspection
<i>Gasket lid</i>	Viton - Teflon	Viton - Teflon
<i>Pneumatic Vacuum Generator (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Electric vacuum generator (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Additional condenser (for zones of use at high ambient temperatures)</i>	Water cooling	Water cooling
<i>ONLY FOR WATER TREATMENT (ACTIVATED CARBON FILTER)</i>	<i>Distilled water filtration group with passage to activated carbon</i>	<i>Distilled water filtration group with passage to activated carbon</i>

CONSUMABLES

<i>Heat-resistant bags</i>	Pack of pcs. 50	Pack of pcs. 50
<i>Diathermic oil</i>	Tank of 5 - 30 liters	Tank of 5 - 30 liters
<i>ONLY FOR WATER TREATMENT Replacement cartridge for granular activated carbon</i>	<i>Packaging 1 pc</i>	<i>Packaging 1 pc</i>
<i>ONLY FOR WATER TREATMENT 25 kg bag of granular activated carbon.</i>	<i>25 kg bag</i>	<i>25 kg bag</i>

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STANDARD FEATURES

<i>Electric version</i>	ATEX EX II 3 G (zone 2)	ATEX EX II 2 G (zone 1)
<i>Distillation method</i>	Heating elements immersed in Diathermic oil	Heating elements immersed in Diathermic oil
<i>Effective loading capacity of the boiler in Aisi 304 stainless steel</i>	30 liters	30 liters
<i>Condenser with cooling coils</i>	Copper	Copper
<i>Lid diameter 400mm; Material: stainless steel 304</i>	Blind	Blind
<i>Gasket lid</i>	EPDM	EPDM
<i>Diathermic oil</i>	14 liters	14 liters
<i>Heating power through resistance</i>	2500W	2500W
<i>Cooling type</i>	Air	Air
<i>Electrical panel on board machine</i>	ATEX 3 G with color display	ATEX 2 G with color display
<i>Overtemperature safety devices</i>	Oil - Distillate - Motor fan	Oil - Distillate - Motor fan
<i>Mechanical safety</i>	Over pressure valves and diathermic oil	Over pressure valves and diathermic oil
<i>Additional safety</i>	Vapor temperature	Vapor temperature
<i>Cycle settings</i>	Double settings per cycle: 2 Temperatures and 2 durations	Double settings per cycle: 2 Temperatures and 2 durations
<i>Liability</i>	Vacuum management	Vacuum management
<i>Machine delivery kit</i>	3 heat-resistant bags	3 heat-resistant bags
<i>Dimension</i>	806x606x1160 h mm	806x606x1300 h mm

OPTIONAL

<i>condenser</i>	<i>Stainless steel Aisi 316</i>	<i>Stainless steel Aisi 316</i>
<i>Lid diameter 400mm, Material: stainless steel 304</i>	Double inspection	Double inspection
<i>Gasket lid</i>	Viton - Teflon	Viton - Teflon
<i>Pneumatic Vacuum Generator (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Electric vacuum generator (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Additional condenser (for zones of use at high ambient temperatures)</i>	Water cooling	Water cooling
<i>ONLY FOR WATER TREATMENT (ACTIVATED CARBON FILTER)</i>	<i>Distilled water filtration group with passage to activated carbon</i>	<i>Distilled water filtration group with passage to activated carbon</i>

CONSUMABLES

<i>Heat-resistant bags</i>	Pack of pcs. 50	Pack of pcs. 50
<i>Diathermic oil</i>	Tank of 5 - 30 liters	Tank of 5 - 30 liters
<i>ONLY FOR WATER TREATMENT Replacement cartridge for granular activated carbon</i>	<i>Packaging 1 pc</i>	<i>Packaging 1 pc</i>
<i>ONLY FOR WATER TREATMENT 25 kg bag of granular activated carbon.</i>	<i>25 kg bag</i>	<i>25 kg bag</i>

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STANDARD FEATURES

<i>Electric version</i>	ATEX EX II 3 G (zone 2)	ATEX EX II 2 G (zone 1)
<i>Distillation method</i>	Heating elements immersed in Diathermic oil	Heating elements immersed in Diathermic oil
<i>Effective loading capacity of the boiler in Aisi 304 stainless steel</i>	60 liters	60 liters
<i>Condenser with cooling coils</i>	Copper	Copper
<i>Lid diameter 400mm; Material: stainless steel 304</i>	Blind	Blind
<i>Gasket lid</i>	gasket EPDM	EPDM
<i>Diathermic oil</i>	21 liters	21 liters
<i>Heating power through resistance</i>	4000W	4000W
<i>Cooling type</i>	Air	Air
<i>Electrical panel on board machine</i>	ATEX 3 G with color display	ATEX 2 G with color display
<i>Overtemperature safety devices</i>	Oil - Distillate - Motor fan	Oil - Distillate - Motor fan
<i>Mechanical safety</i>	Over pressure valves and diathermic oil	Over pressure valves and diathermic oil
<i>Additional safety</i>	Vapor temperature	Vapor temperature
<i>Cycle settings</i>	Double settings per cycle: 2 Temperatures and 2 durations	Double settings per cycle: 2 Temperatures and 2 durations
<i>Liability</i>	Vacuum management	Vacuum management
<i>Machine delivery kit</i>	3 heat-resistant bags	3 heat-resistant bags
<i>Dimension</i>	806x606x1330 h mm	806x606x1460 h mm

OPTIONAL

<i>condenser</i>	<i>Stainless steel Aisi 316</i>	<i>Stainless steel Aisi 316</i>
<i>Lid diameter 400mm, Material: stainless steel 304</i>	Double inspection	Double inspection
<i>Gasket lid</i>	Viton - Teflon	Viton - Teflon
<i>Automatic loading</i>	Possibility of carrying out a second load of solvent to be distilled without waiting for the cooling time.	Possibility of carrying out a second load of solvent to be distilled without waiting for the cooling time.
<i>Base support</i>	support to allow the decanting of the distillate into commercial 200-liter drums	support to allow the decanting of the distillate into commercial 200-liter drums
<i>Pneumatic Vacuum Generator (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Electric Vacuum Generator (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Additional condenser (for areas of use with high ambient temperatures)</i>	Water cooling	Water cooling
<i>ONLY FOR WATER TREATMENT (ACTIVATED CARBON FILTER)</i>	<i>Distilled water filtration group with passage to activated carbon</i>	<i>Distilled water filtration group with passage to activated carbon</i>

CONSUMABLES

<i>Heat-resistant bags</i>	Pack of pcs. 50	Pack of pcs. 50
<i>Diathermic oil</i>	Tank of 5 - 30 liters	Tank of 5 - 30 liters
<i>ONLY FOR WATER TREATMENT Replacement cartridge for granular activated carbon</i>	<i>Packaging 1 pc</i>	<i>Packaging 1 pc</i>
<i>ONLY FOR WATER TREATMENT 25 kg bag of granular activated carbon.</i>	<i>25 kg bag</i>	<i>25 kg bag</i>

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STANDARD FEATURES

<i>Electric version</i>	ATEX EX II 3 G (zone 2)	ATEX EX II 2 G (zone 1)
<i>Distillation method</i>	Heating elements immersed in Diathermic oil	Heating elements immersed in Diathermic oil
<i>Effective loading capacity of the boiler in Aisi 304 stainless steel</i>	120 liters	120 liters
<i>Condenser with cooling coils</i>	Copper	Copper
<i>Lid diameter 600mm; Material: stainless steel 304</i>	Blind	Blind
<i>Gasket lid</i>	EPDM	EPDM
<i>Diathermic oil</i>	42 liters	42 liters
<i>Heating power through resistance</i>	8000W	8000W
<i>Cooling type</i>	Air	Air
<i>Electrical panel on board machine</i>	ATEX 3 G with color display	ATEX 2 G with color display
<i>Overtemperature safety devices</i>	Oil - Distillate - Motor fan	Oil - Distillate - Motor fan
<i>Mechanical safety</i>	Over pressure valves and diathermic oil	Over pressure valves and diathermic oil
<i>Additional safety</i>	Vapor temperature	Vapor temperature
<i>Cycle settings</i>	Double settings per cycle: 2 Temperatures and 2 durations	Double settings per cycle: 2 Temperatures and 2 durations
<i>Liability</i>	Vacuum management	Vacuum management
<i>Machine delivery kit</i>	3 heat-resistant bags	3 heat-resistant bags
<i>Dimension</i>	806x606x1530 h mm	806x606x1660 h mm

OPTIONAL

<i>condenser</i>	<i>Stainless steel Aisi 316</i>	<i>Stainless steel Aisi 316</i>
<i>Lid diameter 600mm, Material: stainless steel 304</i>	Double inspection	Double inspection
<i>Gasket lid</i>	Viton - Teflon	Viton - Teflon
<i>Automatic loading</i>	Possibility of carrying out automatic loading of the distiller without opening the lid and carrying out manual transfer operations. This system allows a second cycle to be carried out without waiting for the cooling phase.	Possibility of carrying out automatic loading of the distiller without opening the lid and carrying out manual transfer operations. This system allows a second cycle to be carried out without waiting for the cooling phase.
<i>Suppression of the exothermic reaction</i>	Ideal safety system for solvents with nitro-based inks. In the event that an exothermic reaction occurs inside the boiler, the suppression will take place by introducing mains water.	Possibility of carrying out automatic loading of the distiller without opening the lid and carrying out manual transfer operations. This system allows a second cycle to be carried out without waiting for the cooling phase.
<i>Base support</i>	support to allow the decanting of the distillate into commercial 200-liter drums	support to allow the decanting of the distillate into commercial 200-liter drums
<i>Internal agitator</i>	System that allows to reduce the powder residue through the use of inert materials (recommended for solvents polluted by: glues, resins, nitro inks, composites)	System that allows to reduce the powder residue through the use of inert materials (recommended for solvents polluted by: glues, resins, nitro inks, composites)
<i>Vacuum generator Pneumatic (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Electric vacuum generator (distillation of high boiling solvents with max boiling point 220 ° C)</i>	Painted iron - stainless steel	Painted iron - stainless steel
<i>Additional condenser (for areas of use with high ambient temperatures)</i>	Water cooling	Water cooling
<i>ONLY FOR WATER TREATMENT (ACTIVATED CARBON FILTER)</i>	<i>Distilled water filtration group with passage to activated carbon</i>	<i>Distilled water filtration group with passage to activated carbon</i>

CONSUMABLES

<i>Heat-resistant bags</i>	Pack of pcs. 50	Pack of pcs. 50
<i>Diathermic oil</i>	Tank of 5 - 30 liters	Tank of 5 - 30 liters
<i>ONLY FOR WATER TREATMENT Replacement cartridge for granular activated carbon</i>	<i>Packaging 1 pc</i>	<i>Packaging 1 pc</i>
<i>ONLY FOR WATER TREATMENT 25 kg bag of granular activated carbon.</i>	<i>25 kg bag</i>	<i>25 kg bag</i>