

C40 Modular ultrasonic cleaning line

A standardized process to meet all your cleaning requirements



Modular units assembled for your process requirements

The modular C40 line unites the best technological solutions in a simple and flexible concept.

The modules are independent and can be assembled according to the requirements of the chosen process.

The flexibility of the C40 allows you to combine any necessary functions including **loading and unloading, ultrasonic cleaning** in detergent, rinsing in mains water, **rinsing** in purified water, **hot air drying**.

We guarantee that the machine can be up and running in just a few hours.

The modules are stocked semi-finished, pre-cabled and ready to be connected up to the electrical control cabinet, the only part of the line that can be "customised".

The upper panels of the machine protect the process zone. Inside the machine there is a vapour extraction device that should be connected up to an external system.

On the C40 the cleaning process and basket transfer are managed by **FISA automation** systems with proven reliability.

The system can safely handle a maximum weight of up to 12 kg

An ecological and technological solution at a great price ►

C40 Modular ultrasonic cleaning line

General characteristics

External basket dimensions (mm)	250*450*200 (h parts)
Standard tank dimensions (mm)	300*500*300 (h liquid)
Standard configuration :	automated with an R02 model robot that meets EC safety standards
Optional :	rotating basket
Max basket weight	12 kg (basket + parts)
Upper housing	
Multiple frequency and magnetostrictive ultrasounds	
Conductive level control system	
Integral vapor suction system	
Automatic or manual loading/unloading positions	
PVC drainage manifold	
Mains water supply manifold	



FISA TS

The C40 is designed to communicate with our exclusive FISA TS supervision system that :



- Saves the parameters of the process
- Shows progress in real time
- Surveys and controls alarms
- Helps with maintenance operations and obtaining maximum use
- Guarantees complete traceability of the product

Fisa Puretainer

A set of FISA Puretainer bottles that demineralise and organically treat the rinsing water can be integrated into the C40 line.



Simplified maintenance

The modules are designed to be equipped (initially or at a later date) with ultrasounds. The transducers and generators are easily accessible to facilitate maintenance operations, as are all other hydraulic and electrical accessories.

C40 Module characteristics

Ld	Cleaning and oil overflow rinsing tank		
	640 W ultrasounds Heating 3000 W Level control switch		Automatic filling/top-up Skimming pump
LL	Cleaning - Cleaning		
L	640 W ultrasounds 1500 W heating Level control switch Automatic filling/top-up	L	640 W ultrasounds 1500 W heating Level control switch Automatic filling/top-up
LR	Cleaning Rinsing		
L	640 W ultrasounds 1500 W heating Level control switch Automatic filling/top-up	R	Pre-equipped for 640W ultrasounds Electronic valve on the mains supply connected to the robot Overflow rinsing tank - Flow-meter
RL	Rinsing - Cleaning		
R	Pre-equipped for 640 W ultrasounds Flow-meter - Overflow rinsing tank Electronic valve on the water supply inlet connected to the robot	L	640 W ultrasounds 1500 W heating Level control switch Automatic filling/top-up
RR	Double rinsing in a cascade		
R1	640 W ultrasounds Flow-meter	R2	Pre-equipped for 640 W ultrasounds Flow-meter Electronic valve on the water supply inlet connected to the robot
RP	Rinsing - Rinsing in demineralised water		
R	Pre-equipped for 640 W ultrasounds Flow-meter 500 l/h - Overflow rinsing tank Electronic valve on the water supply inlet connected to the robot	P	640 W ultrasounds 6000 W heating Conductivity meter - Buffer tank - Recycling pump Automatic filling/topping-up Flow-metre 1200 l/h on Fisa Puretainer
PR	Rinsing in demineralised water - Rinsing		
P	640 W ultrasounds 6000 W heating - Conductivity meter Buffer tank - Recycling pump Flow-meter 1200 l/h on Fisa Puretainer	R	Pre-equipped for 640 W ultrasounds Flow-meter Electronic valve on the water supply inlet connected to the robot
PP	Double demineralised water rinsing in a cascade		
P1	640 W ultrasounds 6000 W heating Buffer tank - Recycling pump Automatic filling/top-up	P2	Pre-equipped for 640 W ultrasounds Conductivity meter Flow-metre 1200 l/h on FISA Puretainer
AA	Acid Acid		
	Two separate acid tanks with manual lids - Module made from white polypropylene Suction device with plastic ventilator		
E	Hot air drier		
	7200 W heating Automatic lid and air recycling		



FISA Technical support

We always invite our customer to come and see for themselves how efficient our systems are on an industrial installation in our laboratories. FISA customer support starts from the design stage and continues for the entire lifetime of the machine.