



## UCM 350 DL

### **NRS technology**

Noise reduction system up to 78 dB. Also at 28 kHz.

### **Safety overflow**

To prevent overflowing of the tank. 3/4" valve.

### **Integrated electrical panel**

Integrated removable electrical panel for easy maintenance.

### **Heavy Duty**

The robust construction and manufacturing quality ensure durability and cleanliness for difficult daily loads.

### **Double-layer thermal and acoustic insulation**

Reduces noise emissions and prevents heat loss, making it more environmentally friendly.



### **KEY FEATURES**

|                                    |                       |
|------------------------------------|-----------------------|
| <b>Interior dimensions (LxWxH)</b> | 1010 x 660 x 600 mm   |
| <b>External dimensions (LxWxH)</b> | 1610 x 1060 x 1700 mm |
| <b>Useful measures (LxWxH)</b>     | 980 x 510 x 500 mm    |
| <b>Main vat capacity</b>           | 400 L                 |
| <b>Ultrasonic power</b>            | 3.000 W               |
| <b>Heating power</b>               | 7.500 W               |
| <b>Ultrasound frequency</b>        | 28/40 kHz             |
| <b>Manufacturing material</b>      | AISI 304              |
| <b>Maximum static load</b>         | 550 Kg                |
| <b>Maximum dynamic load</b>        | 275 kg                |



It is recommended to leave 100-150 mm of free space between the part and the tank walls for proper ultrasonic diffusion. When purchasing this ultrasonic cleaning machine, a manual with instructions for use and maintenance will be provided, including detailed information about the equipment. The content of this document is for guidance only and does not establish any contractual commitment. It may be modified without prior notice to optimise the quality and service offered.

## Functions - Features

### Ultrasonics

|            |  |
|------------|--|
| Frequency  | 28 kHz                                     |
| Potencia   | 3.000 W (3 x 1000 W AISI 316L 2 mm thick.) |
| Sweep      | ± 2%                                       |
| Generators | Patented                                   |

### Heating

|               |                                       |
|---------------|---------------------------------------|
| Potency       | 7.500W (3 x 3.750W stamped AISI 316L) |
| Safety sensor | PT100                                 |

### Platform

|                  |                                      |
|------------------|--------------------------------------|
| Dynamic platform | Yes                                  |
| Lift type        | Pneumatic lift                       |
| Beacon light     | Integrated with programmable colours |

### Lid

|                    |  |
|--------------------|--|
| Opening/closing    | Manual   |
| Thermal insulation | 20 mm double-layer thermal and acoustic insulation |
| Perimeter Joint    | NBR (reemplazable)                                 |

### Oil separation system

|                         |                   |
|-------------------------|-------------------|
| Laminar flow            | Yes               |
| Oil decanter            | Adjustable height |
| Auxiliary tank capacity | 45 L              |

### Other equipment

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| PLC + HMI control                    | 7" multi-language HMI                 |
| Tank in AISI 304 stainless steel     | AISI 304 stainless steel 2 mm thick   |
| Level control                        | Inductive sensor INOX + PEEK IFM      |
| Thermal and acoustic insulation      | Double layer 50 mm thick              |
| Electrical panel                     | Integrated with easy access           |
| Safety overflow                      | Double layer 50 mm thick - 3/4" valve |
| Drain valve                          | Yes                                   |
| Detergent dispenser                  | Optional                              |
| Automatic opening/closing of the lid | Optional                              |
| RS485 Modbus RTU remote control      | Optional                              |
| Adjustable power 0-100%              | Optional                              |
| Ultrasound frequency 38 kHz          | Optional                              |
| Degas mode                           | Optional                              |
| Automatic oil extraction system      | Optional                              |