

ADVANCED ULTRASONIC SYSTEMS FOR A CLEANER FUTURE



MOT-100N ADVANCED

Speed



Energy Savings

Robustness and Reliability
With TierraTech guarantee



Silence
60 db maximum

Ergonomics
Simplicity and comfort



Water savings
Complete watertightness that prevents
loss of water by evaporation

GENERATORS AND EMITTERS

Ultrasonic generator with an output power of 1000 Wp (2000 w p-p). With a working frequency of 40 kHz sweep system $\pm 2\%$.

Submersible emitter with 1000 wp power. Made of 0,098" inch thick stainless steel AISI 316. The emitter contains 20 PZT (lead zirconate titanate) piezo-electric transducers with aluminium alloy body.

CONTROL PANEL

7" Screen & TFT Display

Intuitive display with direct access to all functions and the possibility to create different work programs.

Programming in all languages, weekly calendar, time control for equipment preheating and alarms

TECHNICAL DATA AND MEASURES

Ultrasonic cleaning tank made of 0,078" inch thick stainless steel INOX AISI 304.

Tank capacity: 30 gal

WFS capacity: 5,28 gal

total capacity: 35,66 gal

Tank lid made of stainless steel AISI 304 with 0.39" thick thermally insulated.

Pneumatic platform made of stainless steel AISI 304, cover with thermal-acoustic insulation and opening/closing system with pneumatic cylinder and up to 132 Lb of capacity.

WFS (Waterflow system for oil separation) independent tank for the collection of oils and particles floating on the surface of the main cleaning tank and maintenance with a capacity of 5 gal.

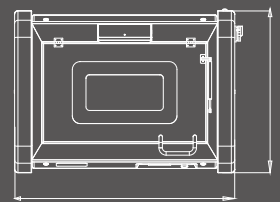
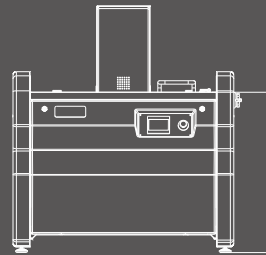
Electrical resistance built in stainless steel AISI 316 L and with a power of 1000 w

* Filter bag TTF1 (optional) for removal of sludge from the tank's bottom made of stainless steel AISI 304 with pressure gauge and the possibility of integrating bags of 5 to 200 μm

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CAPACITY 30 GALLONS

INTERNAL DIMENSIONS
25"x15"x19" inch

PLATFORM DIMENSIONS
24"x12"x11" inch

EXTERNAL DIMENSIONS
51"x31"x35" inch

