

DCM GN single

Synchronized technology
Digital synchronized generator to avoid waves cancelation.

Programable frequency
User selectable working frequency.

Impedance adjustment
Mechanical impedance adjustment that ensures that all electrical energy is transformed into mechanical.

Power control 0 - 100%
Power control 0 - 100% for special application where fine power adjustments is required.

Ramp up Adjustment
Adjustment of the desired time to reach the selected power for special applications where the power increase must be slow.

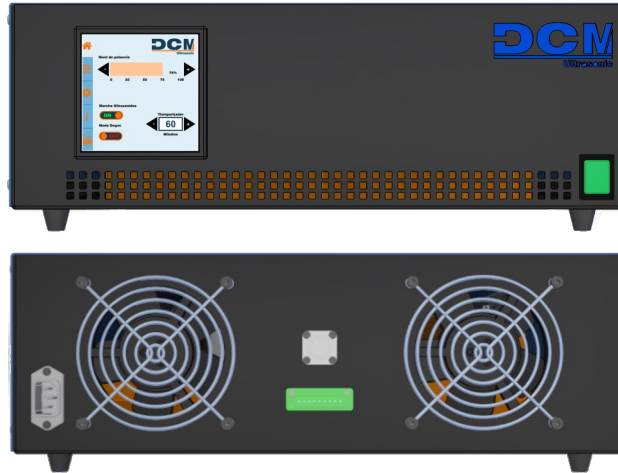
Frequency sweeping
Frequency sweeping de ± 1 kHz to ensure the uniformity of the ultrasonic field.

Setup On / Off time
Possibility of discontinuous work, defining the start and stop time.

4 oscilation mode
4 different operating modes for different applications depending on the required field intensity.

Expansion port
Expansion port for cascading more generators. Up to 300,000W

RS-485 communication port
RS-485 communication port for external control from PLC



Main characteristics

Maximum power (W)	1000W
Power control 0% - 100%	Sí
Sweeping frequency	± 1 kHz
Oscillation modes	4
Multifrequency (kHz)	24, 25, 28, 33, 38, 40
Ramp up adjustment (min)	0 - 999
Setup On /Off time (min / seg)	0 - 999 / 0 - 999
Communication port	RS-485 Modbus RTU
Power source (Vac)	220 / 230
Frequency (Hz)	50 / 60

Medidas generador

