

DCM GN Multi

Programable frequency

User selectable working frequency.

Sinchronized technology

Synchronized digital generator to avoid wave cancellation.

Power control 0 - 100%

Power control from 0 to 100% for use in special applications that require fine power adjustment.

Frequency sweeping

±1kHz sweep frequency to ensure uniformity of the ultrasound field.

4 Oscillation modes

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



Impedance adjustment

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

Ramp up adjustmet

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

Setup On /Off time

Possibility of discontinuous work, defining the start and stop time.

RS-485 Communication port

RS-485 communication port for external control from PLC

Expansion port

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

Main characteristics

Maximum power (W)	33000W
Power control 0% - 100%	Yes
Frequency sweeping	±1 kHz
Oscillation mode	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
Source power (Vac)	230 / 400
Frequency (Hz)	50 / 60

Generator measures

- Rack 800x1200x800 (from 4 kW to 18 kW)
- Rack 800x2000x800 (from 11 kW to 33 kW)

