



ULTRASONIC / MEGASONIC MODULAR GENERATORS

Technology of
SWITZERLAND



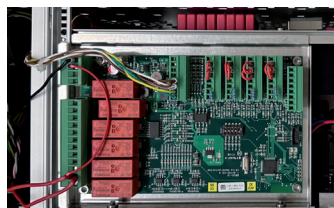
- › Ultrasonic cleaning technology
- › Spray cleaning technology
- › Process technology
- › Cleaning chemicals
- › Accessories
- › Special solutions



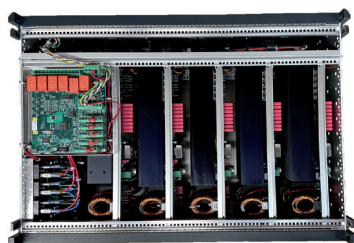
MODULAR GENERATORS



Touchpanel 4.3''



I/O-Peripherie-Schnittstelle



Generatoren-Einheit



Rückseite-Anschlüsse



Transducer

The high-performance and reliable modular generators are used for various applications in micro and nano surface cleaning. A constant power output with interval functions will ensure extremely precise ultrasonic treatment of all to be cleaned items.

The modular generators are equipped with unique protective functions for a maximum operational reliability. This includes a special cooling of the generator.

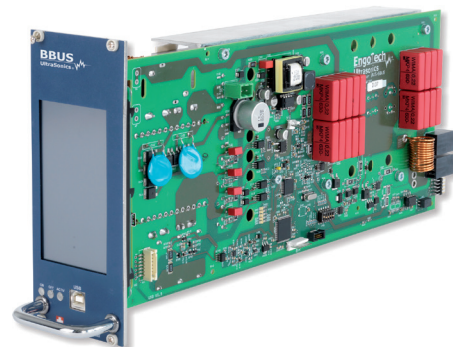
An RS 232 interface is also available if you wish to operate the generators from your PC.

The choice of 5 different housing sizes for the generator modules enables to install the best suitable module for each application. Starting from 1 kW up to 5 kW.

The ultrasonic multifrequency modular generators are available as devices from 20 kHz to 250 kHz and 600 kHz to 1200 kHz output. They are used together with plate and submersible transducers with matching configurations.

The stand-alone generators are ideally suited for cleaning and surface treatment applications.

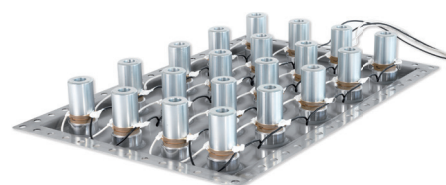
With its digital frequency generation and control, its absolutely constant power output and interval function, MediSonics stand-alone generators set new standards in the power range up to 5 kW (10 kW peak) in a 19-inch rack.



19-Zoll Modulgenerator 4HE



19-Zoll Rack 84TE5HE-435T-6



Schwingplatte

Bezeichnung/Einheiten	Spezifikationen/Daten/Dimensionen				
Typ	BBUS-120-1/1000 / TSK-120	BBUS-120-2/1000 / TKS-120	BBUS-120-3/1000 / TSK-120	BBUS-120-4/1000 / TKS-120	BBUS-120-5/1000 / TKS-120
Ultraschall-Generator	28TE5HE-435T-2	42TE5HE-435T-2	56TE5HE-435T-2	70TE5HE-435T-2	84TE5HE-435T-2
Ultraschall-Frequenz (kHz)	35 *)	35 *)	35 *)	35 *)	35 *)
Ultraschall-Leistung effektiv (W)	1000	2000	3000	4000	5000
Ultraschall-Leistung peak (W)	2000	4000	6000	8000	10000
Spannung (V/Hz)	230/50	230/50	400/50	400/50	400/50
Schnittstelle	RS-485 / CAN	RS-485 / CAN	RS-485 / CAN	RS-485 / CAN	RS-485 / CAN
Gehäuse-Breite (mm)	164.22	235.36	306.45	377.58	448.7
Gehäuse-Tiefe (mm)	435.4	435.4	435.4	435.4	435.4
Gehäuse-Höhe (mm)	221.45	221.45	221.45	221.45	221.45
Schwingerplatte-Breite (mm)	350 *)	350 *)	350 *	350 *)	350 *)
Schwingerplatte-Tiefe (mm)	400 *)	400 *)	400 *	400 *)	400 *)
Schwingerplatte-Höhe (mm)	50	50	50	50	50
Artikel-Nr	1.15601	1.15602	1.15603	1.15604	1.15605