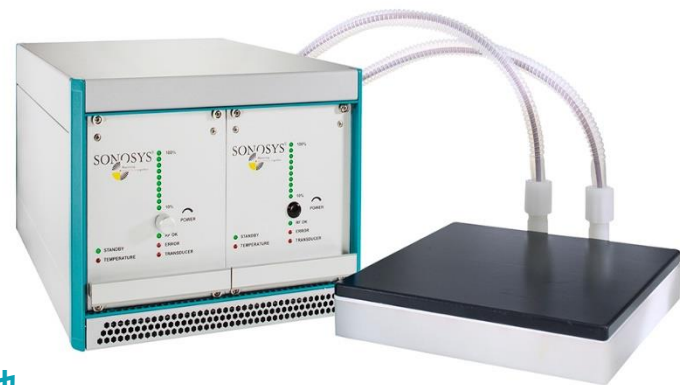


卓越的超声波和兆声波清洗技术



- 德国 SONOSYS® 成立于 1995 年
专注超声波和兆声波清洗领域
- 提供 500KHz~5MHz 兆声波清洗方案和产品,
更高频率清洗更小颗粒
- 产品应用于半导体工业/MEMS/LIGA/太阳能电池
光学工业/生化学/食品工业和产业科研
- 已累积提供超过 4500 套兆声波清洗产品
- 欧洲兆声波清洗技术领导者
- 欢迎超声波/兆声波设备集成商及科研用户咨询



单双喷嘴-兆声波发生器 Slim Line 系列技术参数



Output power:	35 Watt / MLM 1 70 Watt / MLM1 & MLM 2 MLM = Megasonic Low Power Module
Output power adjustment:	approx. 20 % - 100 %
Frequency:	1MHz (950 kHz to 1.05 MHz) 2MHz (1.95 MHz to 2.05 MHz) 3MHz (2.95 MHz to 3.05 MHz) 4MHz (3.95 MHz to 4.05 MHz) 5MHz (4.95 MHz to 5.05 MHz)
Mains voltage:	110 VAC or 230 VAC; 50 – 60 Hz
Housing:	19" enclosure; 3/4 U
Dimensions:	28 HP; approx. 165x185x329 mm (WxHxD)
Weight:	approx. 4.2 kg

兆声波单喷嘴技术参数

High Frequency Output:	600kHz/ 1MHz/ 2MHz/ 3MHz/ 4MHz/ 5MHz
Transducer Element:	Special PZT-Piezoceramic
HF-Cable:	Screened; Length: 3 m; Ø4.5 mm; Material: PTFE
Cable Length Between Nozzle and Matching Box:	Standard 20 cm; Maximum 50cm
Weight:	approx. 0.25 kg
Supply for Liquid Medium:	1/8" NPT
Amount of Liquid Medium Flow:	min. 1.0 l / minute - max. 1.6 l / minute (max. Pressure 5.5 bar)
Liquid Temperature:	approx. 20°C – 50°C
Distance between the nozzle output and the object to be cleaned:	5 mm to 20 mm

潜水式换能板-超声波/兆声波发生器



Output power adjustment:	approx. 10 % - 100 %
Frequency:	400 kHz / 1000 Watt / 2000 Watt 600 kHz / 1000 Watt / 2000 Watt 1 MHz / 1000 Watt / 2000 Watt 2 MHz / 600 Watt / 1000 Watt
Mains voltage:	230 VAC; 50 – 60 Hz
Housing:	19" enclosure 3/4U
Dimensions:	42 HP; approx. 236 x 185 x 395 mm (W x H x D)
Weight:	approx. 7,0 kg

超声波/兆声波潜水式换能板 PVDF

Material:	PVDF-housing with PFA coated Transducer plate
Transducer array:	special PZT-Piezoceramic (Butterfly-Technique)
Transduced area:	approx. 180 x 170 mm; completely continuous active area
Available sizes:	4" / 6" / 8" / Customize
HF-cable:	2x Coax-cable with N-plug; length 3 m; thereof 1 m in PTFE-corrugated tube
Liquid temperature:	up to +60 °C without cooling up to +80 °C with Nitrogen cooling: - Nitrogen pressure: maximum 0.1 bar - Nitrogen flow: minimum 4 l/min. - Nitrogen temperature range: +20 °C to +40 °C
Weight:	approx. 5,0 kg