



SONOSYS® Megasonic Atomizer Slim Line Generator

Function

The transducer in the Megasonic Atomizer generates a high frequency sound wave. This sound wave is transmitted to a liquid to produce small drops (atomized).

Application

For any application which requires a precise liquid spray.
Dispensing of chemicals onto semiconductor wafers, flat panel displays and solar cells, etc.

Technical data modular Megasonic Generator Slim Line

Electrical data

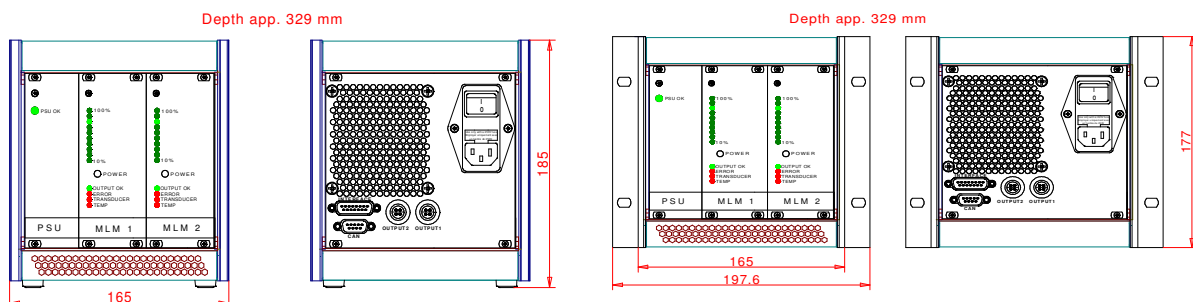
Output power adjustment:	App. 20 % - 100 %
Frequency:	2,95 MHz to 3,05 MHz
Mains voltage:	110 VAC or 230 VAC; 50 – 60 Hz
Option:	RS 232 Interface

Mechanical data

Housing:	19" enclosure 3/4 U
Dimensions:	28 HP; 197,6x177x329 mm (WxHxD)
Weight:	App. 6,5 kg

Operational conditions

Ambient temperature:	+ 10°C to + 40°C
Condensed moisture is to be prevented! Protected from humidity, dirt and aggressive vapours.	



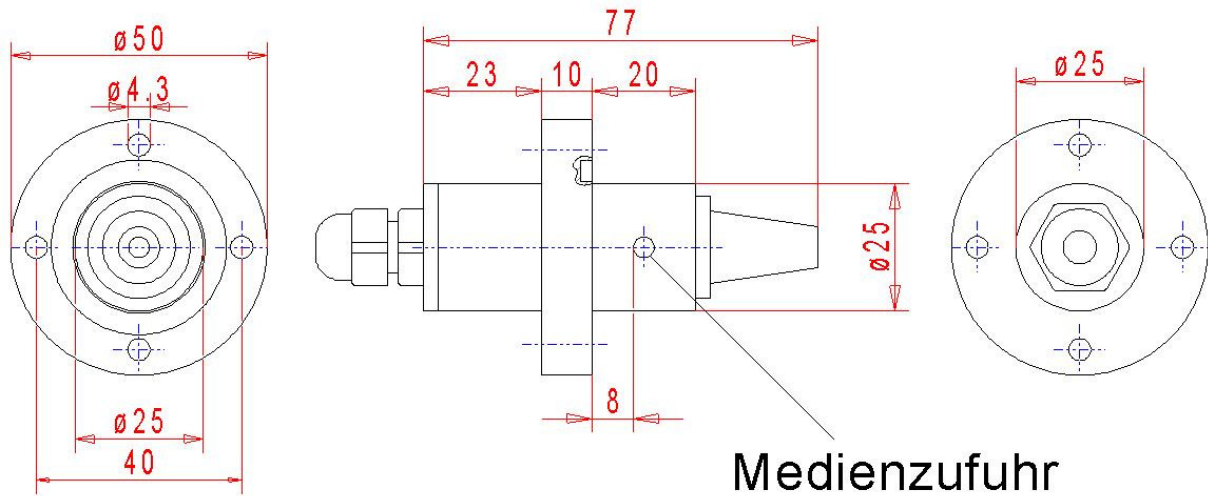
Order data Megasonic Generator Slim Line 3 MHz

Order Number	Output Power	Atomizer	Version
13407-060	60 Watt / MLM 1	1	28 HP external power adjustment (0-10V)
13407-065	120 Watt / MLM 1 + MLM 2	2	28 HP with 19° Mounting angle and external power adjustment (0-10V)
13407-066	120 Watt MLM 1 + MLM 2	2	28 HP external power adjustment (0-10V)
13407-068	180 Watt MLM 1 + MLM 2 + MLM 3	3	42 HP external power adjustment (0-10V)
13407-069	180 Watt MLM 1 + MLM 2 + MLM 3	3	42 HP with 19° Mounting angle and external power adjustment (0-10V)
13407-579	300 Watt MLM 1 + MLM 2 + MLM 3 + MLM 4 + MLM 5	5	84 HP with 19° Mounting angle and external power adjustment (0-10V)
13407-580	360 Watt MLM 1 + MLM 2 + MLM 3 + MLM 4 + MLM 5 + MLM 6	6	84 HP with 19° Mounting angle and external power adjustment (0-10V)

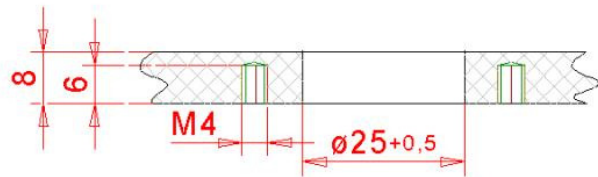
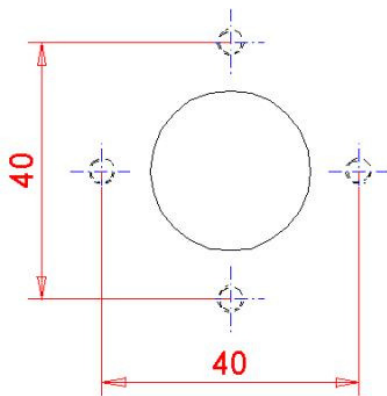
MLM = Megasonic Low Power Module

Technical data Megasonic Atomizer

High Frequency Input:	35 Watt / 3 MHz
Transducer Element:	Special PZT-Piezoceramic
HF-Cable:	Screened; Length: 2 m; Material: PTFE
Weight:	App. 0,25 kg
Outer dimension:	Ø 50 x 77 mm
Material:	Virgin PTFE, Quartz glass
Media drop diameter:	App. 3 µm
Media inlet:	2 holes Ø 4 mm
Liquid level:	App. 12 mm - 15 mm
Liquid temperature:	App. 10 °C – 35 °C
Atomized liquid amount:	App. 140 - 300 ml/h (This statement is only valid when used with the medium water)



Medienzufuhr
 liquid supply



Einbauhinweis
 installation note

Order data Megasonic Atomizer

Order Number	Material	Effective Diameter	Frequency
13791-005	Virgin PTFE, Quartz glass	4,0 mm	3 MHz

