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 Ангарск (3955)60-70-56
 Архангельск (8182)63-90-72
 Астрахань (8512)99-46-04
 Барнаул (3852)73-04-60
 Белгород (4722)40-23-64
 Благовещенск (4162)22-76-07
 Брянск (4832)59-03-52
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 Владикавказ (8672)28-90-48
 Владимир (4922)49-43-18
 Волгоград (844)278-03-48
 Вологда (8172)26-41-59
 Воронеж (473)204-51-73
 Екатеринбург (343)384-55-89

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 Ижевск (3412)26-03-58
 Иркутск (395)279-98-46
 Казань (843)206-01-48
 Калининград (4012)72-03-81
 Калуга (4842)92-23-67
 Кемерово (3842)65-04-62
 Киров (8332)68-02-04
 Коломна (4966)23-41-49
 Кострома (4942)77-07-48
 Краснодар (861)203-40-90
 Красноярск (391)204-63-61
 Курск (4712)77-13-04
 Курган (3522)50-90-47
 Липецк (4742)52-20-81

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 Москва (495)268-04-70
 Мурманск (8152)59-64-93
 Набережные Челны (8552)20-53-41
 Нижний Новгород (831)429-08-12
 Новокузнецк (3843)20-46-81
 Ноябрьск (3496)41-32-12
 Новосибирск (383)227-86-73
 Омск (3812)21-46-40
 Орел (4862)44-53-42
 Оренбург (3532)37-68-04
 Пенза (8412)22-31-16
 Петрозаводск (8142)55-98-37
 Псков (8112)59-10-37
 Пермь (342)205-81-47

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 Самара (846)206-03-16
 Санкт-Петербург (812)309-46-40
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 Саранск (8342)22-96-24
 Симферополь (3652)67-13-56
 Смоленск (4812)29-41-54
 Сочи (862)225-72-31
 Ставрополь (8652)20-65-13
 Сургут (3462)77-98-35
 Сыктывкар (8212)25-95-17
 Тамбов (4752)50-40-97
 Тверь (4822)63-31-35

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 Томск (3822)98-41-53
 Тула (4872)33-79-87
 Тюмень (3452)66-21-18
 Ульяновск (8422)24-23-59
 Улан-Удэ (3012)59-97-51
 Уфа (347)229-48-12
 Хабаровск (4212)92-98-04
 Чебоксары (8352)28-53-07
 Челябинск (351)202-03-61
 Череповец (8202)49-02-64
 Чита (3022)38-34-83
 Якутск (4112)23-90-97
 Ярославль (4852)69-52-93

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SONOREX TECHNOLOGY VORTEX WR 4-1503.03 VORTEX REACTOR, 1500 W, 25 KHZ / 40 KHZ



The defined flow of the liquid medium to be sonicated through a double slit in the BANDELIN vortex reactor guarantees homogeneous sonication on the particularly cavitation-intensive inner surface of the reactor tube and in the intensive sound field in the area of the double slit. An additional swirling of the medium to be sonicated as it enters the reactor tube further improves homogenisation.

The vortex reactor is used for the following applications:

- Intensification of industrial, biotechnological and chemical processes in suspension, emulsification, deagglomeration, reaction acceleration, degassing
- Intensive degassing of dye and photographic casting solutions
- CO₂ degassing from aqueous reactants
- Support of disinfection (bacteria killing) in water and waste water treatment
- Sterilisation of organic ingredients in industrial rinsing liquids for reuse
- Support for the disinfection of germ- and parasite-contaminated fish farm circuit water
- Manufacture of ultra-fine polishing pastes for the wafer industry
- Homogenising colour pigments in oil (paint production)

ORDER NUMBER	835103
INSTALLATION LENGTH [CM]	856
FLOW RATE [L/H]	1-50
MAX. PERM. PRESSURE [BAR]	10
NOMINAL ULTRASONIC POWER [W]	1500
POWER SETTING	20-100
ULTRASOUND FREQUENCY [KHZ]	25/40
OPERATING VOLTAGE [V]	230 V EU plug
OUTER DIMENSION LENGTH [MM]	290

OUTER DIMENSION WIDTH [MM]	290
OUTER DIMENSION HEIGHT [MM]	642
DEGREE OF PROTECTION HOUSING	IP 22
PACKING LENGTH [MM]	0
PACKING WIDTH [MM]	0
PACKING DEPTH [MM]	0

SONOREX TECHNOLOGY VORTEX WR 4-1503.02
VORTEX REACTOR, 1500 W, 25 KHZ / 40 KHZ

ORDER NUMBER	835102
INSTALLATION LENGTH [CM]	856
FLOW RATE [L/H]	1–50
MAX. PERM. PRESSURE [BAR]	10
NOMINAL ULTRASONIC POWER [W]	1500
POWER SETTING	20-100
ULTRASOUND FREQUENCY [KHZ]	25/40
OPERATING VOLTAGE [V]	230 V EU plug
OUTER DIMENSION LENGTH [MM]	290
OUTER DIMENSION WIDTH [MM]	290
OUTER DIMENSION HEIGHT [MM]	642
DEGREE OF PROTECTION HOUSING	IP 22
PACKING LENGTH [MM]	0
PACKING WIDTH [MM]	0
PACKING DEPTH [MM]	0

SONOREX TECHNOLOGY VORTEX WR 4-1503.01
VORTEX REACTOR, 1500 W, 25 KHZ / 40 KHZ

ORDER NUMBER	835101
INSTALLATION LENGTH [CM]	856
FLOW RATE [L/H]	1–50
MAX. PERM. PRESSURE [BAR]	10
NOMINAL ULTRASONIC POWER [W]	1500
POWER SETTING	20-100
ULTRASOUND FREQUENCY [KHZ]	25/40
OPERATING VOLTAGE [V]	230 V EU plug

OUTER DIMENSION LENGTH [MM]	290
OUTER DIMENSION WIDTH [MM]	290
OUTER DIMENSION HEIGHT [MM]	642
DEGREE OF PROTECTION HOUSING	IP 22
PACKING LENGTH [MM]	0
PACKING WIDTH [MM]	0
PACKING DEPTH [MM]	0

SONOREX TECHNOLOGY VORTEX WR 4-1503.04

VORTEX REACTOR, 1500 W, 25 KHZ / 40 KHZ

ORDER NUMBER	835104
INSTALLATION LENGTH [CM]	856
FLOW RATE [L/H]	1–50
MAX. PERM. PRESSURE [BAR]	10
NOMINAL ULTRASONIC POWER [W]	1500
POWER SETTING	20-100
ULTRASOUND FREQUENCY [KHZ]	25/40
OPERATING VOLTAGE [V]	230 V EU plug
OUTER DIMENSION LENGTH [MM]	290
OUTER DIMENSION WIDTH [MM]	290
OUTER DIMENSION HEIGHT [MM]	642
DEGREE OF PROTECTION HOUSING	IP 22
PACKING LENGTH [MM]	0
PACKING WIDTH [MM]	0
PACKING DEPTH [MM]	0

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