

Алматы (7273)495-231  
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  
Владивосток (423)249-28-31  
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

Иваново (4932)77-34-06  
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

Магнитогорск (3519)55-03-13  
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  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Саранск (8342)22-96-24  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
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  
Тольятти (8482)63-91-07  
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

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

[www.sigmaaldrich.nt-rt.ru](http://www.sigmaaldrich.nt-rt.ru) | | [scx@nt-rt.ru](mailto:scx@nt-rt.ru)

# Технические характеристики на лабораторное оборудование и принадлежности компании **Sigma-Aldrich**

**Виды товаров:** сенсорные пипетки, микропипетки, контроллеры дозатора, дозаторы, мерные инструменты, термобумаги, портативные комплекты, спиральные выпускные трубки, крышки ротора, адаптеры для прямоугольного ведра, аналитические весы, прецизионные весы, анализаторы влажности, бутылки для взвешивания, адаптеры для центрифужных бутылей, измельчители и гомогенизаторы, наборы для измельчения тканей, пестики для пеллет, беспроводные двигатели, ультразвуковые процессоры, шлифовальные бруски и шары, лезвия, полировальные валы, подшипники для мешалки, стеклянные мешалки, качельки с профилем, верхние шейкеры и др.

# BRAND® - The Liquid Handling Company



BRAND® (BRANDTECH® in North America) is a leading Liquid Handling Company with more than 70 years of experience and a trusted partner and reference in the lab. Researchers and lab professionals around the world work with BRAND products in the life sciences, pharma, chemistry and process analytics. Our promise is to make laboratory work simple, easy, and efficient with high-quality products like the HandyStep® touch repetitive pipette, the Transferpette® S micropipette, the accu-jet® S pipette controller, the Dispensette® bottle-top dispenser or the BLAUBRAND® volumetric instruments.

We are part of the Brand Group which develops, manufactures and distributes high-quality and innovative laboratory equipment, vacuum pumps and systems with approx. 1,000 employees worldwide.

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## BRAND® LIQUID HANDLING

The Brand® liquid handling line, which includes the Dispensette® bottle-top dispensers, Titrette® bottle-top burettes, Transferpette® pipettes and HandyStep® repeating pipettes, sets the world standard for accuracy, ergonomic design, and reliability. In addition to pipette tips, filter tips, microcentrifuge tubes and PD-Tips, Brand® Life Science also provides a variety of other high performance products for PCR, storage, immunology and cell culture technology. The BRAND® Life Science Plastics line includes their innovative line of disposable UV-Cuvettes that allow photometric measurements down to 230 nm and fit nearly all spectrophotometers. The portfolio also includes PCR tubes, strips, plates and mats, microcentrifuge tubes, and 96-, 384-, and 1536-well plates.

## BRAND® SAMPLE PREPARATION AND STORAGE

Sample preparation and storage impose a wide variety of requirements on laboratory instruments. Brand® offers materials ranging from glass to specialty plastics, like PFA for trace analysis.

## BLAUBRAND® PRODUCTS

The BLAUBRAND® line from Brand® of volumetric instrument is individually calibrated for high precision. Statistical process control ensures with a certainty of at least 99.6 % (AQL = 0.4)

compliance with predefined specifications. For the measurement of density, Brand® offers individually calibrated BLAUBRAND® density bottles, and fast, reliable hydrometers.

Z324396

**BRAND® BLAUBRAND® measuring cylinder**

volume 1000 mL, subdivision, 10 mL



BR781520

**Brand® 1.2 ML Tubes**

individual tubes, polypropylene



Z327476

**BRAND® graduated cylinder, PMP**

volume 1,000 mL, tol. accuracy: 5 mL, subdivision, 10 mL



Z325139

**BRAND® BLAUBRAND® ETERNA volumetric pipette, calibrated To Deliver**

capacity 5 mL



Z325155

**BRAND® BLAUBRAND® ETERNA volumetric pipette, calibrated To Deliver**

capacity 20 mL



Z326828

**BRAND® BLAUBRAND® ETERNA volumetric flask**

volume 1,000 mL, accuracy: 0.4 mL



Z325147

**BRAND® BLAUBRAND® ETERNA volumetric pipette, calibrated To Deliver**

capacity 10 mL



Z325112

**BRAND® BLAUBRAND® ETERNA volumetric pipette, calibrated To Deliver**

capacity 1 mL



Z324779

**BRAND® BLAUBRAND® mixing cylinder**

volume 1,000 mL



Z326259

**BRAND® BLAUBRAND® volumetric flask**

volume 1,000 mL, accuracy: 0.4 mL



Z324655

**BRAND® SILBERBRAND ETERNA mixing cylinders**

volume 100 mL



Z326836

**BRAND® BLAUBRAND® ETERNA volumetric flask**

volume 2,000 mL, accuracy: 0.6 mL



Z324213

**BRAND® SILBERBRAND ETERNA measuring cylinder**

volume 1000 mL



Z324612

**BRAND® SILBERBRAND ETERNA measuring cylinder, low-form**

volume 2,000 mL



Z326496

**BRAND® BLAUBRAND® volumetric flask, PP stopper, amber glass**

volume 1000 mL, accuracy: 0.4 mL



Z326674

**BRAND® BLAUBRAND® volumetric flask, PP stopper, clear glass**

volume 2,000 mL, accuracy: 0.6 mL, polypropylene stopper, neck joint: ST/NS 29/32



Z325120

**BRAND® BLAUBRAND® ETERNA volumetric pipette, calibrated To Deliver**

volume 2 mL



Z327107

**BRAND® BLAUBRAND® volumetric flask, glass stopper, amber glass**

volume 1000 mL, accuracy: 0.4 mL



Z324604

**BRAND® SILBERBRAND ETERNA measuring cylinder, low-form**

volume 1,000 mL



Z326666

**BRAND® BLAUBRAND® volumetric flask, PP stopper, clear glass**

volume 1,000 mL, accuracy: 0.6 mL, polypropylene stopper, neck joint: ST/NS 29/32

Z326976

**BRAND® BLAUBRAND® volumetric flask, glass stopper, clear glass**

volume 2,000 mL, accuracy: 0.6 mL, neck joint: ST/NS 29/32, glass stopper



Z324507

**BRAND® BLAUBRAND® ETERNA measuring cylinder**

volume 1,000 mL



Z324671

**BRAND® SILBERBRAND ETERNA mixing cylinders**

volume 500 mL



Z324663

**BRAND® SILBERBRAND ETERNA mixing cylinders**

volume 250 mL



Z324639

**BRAND® SILBERBRAND ETERNA mixing cylinders**

volume 25 mL



Z324620

**BRAND® SILBERBRAND ETERNA mixing cylinders**

volume 10 mL



Z324698

**BRAND® SILBERBRAND ETERNA mixing cylinders**

volume 1000 mL



Z324647

**BRAND® SILBERBRAND ETERNA mixing cylinders**

volume 50 mL

CLS3879

**Corning® 96 well clear polypropylene corner notch microplate**

round bottom clear, polypropylene, individually wrapped, sterile, lid

Z618683

**Eppendorf® UVette®**

Starter set



Z606480

**Eppendorf® thermal paper for DPU 414**



BMSC50006HPT

**Benchmark Sprint 6H Portable Kit**

AC/DC input 115 V



EP4861000779

**Eppendorf® Xplorer® Plus**

24-channel, adjustable, tip volume 1-20 µL, white



EP4960825000

### **Eppendorf® Discharge Tube Spiral**

L 80 cm, volume 25-100 mL



EP4960824003

### **Eppendorf® Discharge Tube Spiral**

for Eppendorf® Varispenser® and Varispenser® plus 2.5 mL/5 mL/10 mL, L 80 cm, volume 2.5-10 mL



EP5820766000

### **Eppendorf® Rotor Lid**

for rotor FA-45-20-17, aerosol-tight



EP3110112008

### **Eppendorf® Adapter for 5000 µl Pipette Holder®**



EP5810747007

### **Eppendorf® Adapter for 500mL rectangular bucket®**

## Laboratory Balances



Laboratory balances are used to measure the mass of solids, liquids, and other samples. We offer a variety of balances as well as weighing boats, weighing paper, weighing bottles, and weighing funnels for your laboratory needs.

**Analytical Balances** are completely enclosed to prevent dust and air currents and can detect very small variations in mass to ensure the most accurate measurements.

**Precision Balances** are also enclosed to prevent currents during measurement but are less sensitive to small variations in mass. Precision balances typically have higher capacity compared to analytical balances.

**Toploading Balances** are not enclosed and therefore less precise than analytical and precision balances, but offer convenient, unencumbered weighing and a broader range of mass capacities.

**Moisture Analyzers** (drying balances) have both a weighing unit and a heating unit and are used to measure the moisture content in liquid and solid materials upon drying.

BMSW4000100

**Accuris™ Balance**

weighing capacity 100 g, resolution:  $\pm 0.01$  g



BMSW4000500

**Accuris™ Balance**

weighing capacity 500 g, resolution:  $\pm 0.1$  g



BMSW1000200

**Accuris™ F1 Grade Calibration Weight**

200 g



BMSW1000100

**Accuris™ F1 Grade Calibration Weight**

100 g



BMSW1000500

**Accuris™ F1 Grade Calibration Weight**

size 500 g



BMSW1100200

**Accuris™ F1 Grade Calibration Weight**

weight set



BMSW1005500

**Accuris™ M1 Grade Calibration Weight**

size 500 g, stainless steel



BMSW100520

**Accuris™ M1 Grade Calibration Weight**

size 20 g, stainless steel



BMSW100510

**Accuris™ M1 Grade Calibration Weight**

size 10 g, stainless steel



BMSW10051

**Accuris™ M1 Grade Calibration Weight**

size 1 g, stainless steel



BMSW1005200

**Accuris™ M1 Grade Calibration Weight**

size 200 g, stainless steel



BMSW1005100

**Accuris™ M1 Grade Calibration Weight**

size 100 g, stainless steel



BMSW10055

**Accuris™ M1 Grade Calibration Weight**

size 5 g, stainless steel



BMSW100550

**Accuris™ M1 Grade Calibration Weight**

size 50 g, stainless steel



BMSW10052

**Accuris™ M1 Grade Calibration Weight**

size 2 g, stainless steel



BMSW110512500

**Accuris™ M1 Grade Calibration Weight Set**

pack of 12 pieces, size 1-500 g, stainless steel



BMSW110521100

**Accuris™ M1 Grade Calibration Weight Set**

pack of 21 pieces, size 0.001-100 g, stainless steel



BMSW1105131000

**Accuris™ M1 Grade Calibration Weight Set**

pack of 13 pieces, size 1-1000 g, stainless steel



BMSW110522200

**Accuris™ M1 Grade Calibration Weight Set**

pack of 22 pieces, size 0.001-200 g, stainless steel



W1001

**Aluminum weighing boats**

W × L × D 7 mm × 22 mm × 7 mm

\ W1126

**Aluminum weighing boats**

W × L × D 4 mm × 12 mm × 4 mm





W4137

**Diamond shaped weigh boats**

polystyrene, volume 100 mL, white



W4012

**Diamond shaped weigh boats**

polystyrene, volume 30 mL, white



Z154903

**Disposable polystyrene weighing dishes**

white, L × W × H 135 mm × 135 mm × 20 mm



Z186856

**Disposable polystyrene weighing dishes**

blue, L × W × H 40 mm × 40 mm × 8 mm



Z154881

**Disposable polystyrene weighing dishes**

white, L × W × H 86 mm × 86 mm × 25 mm



Z274933

**Kimax® weighing bottle, Style I**

capacity 30 mL



Z275042

**Kimax® weighing bottle, Style I**

capacity 82 mL



Z274925

**Kimax® weighing bottle, Style I**

capacity 16 mL



Z274968

**Kimax® weighing bottle, Style I**

capacity 35 mL



Z274909

**Kimax® weighing bottle, Style I**

capacity 7 mL



Z275077

**Kimax® weighing bottle, Style II**

capacity 16 mL



Z275085

**Kimax® weighing bottle, Style II**  
capacity 30 mL



Z708550

**Square weighing boats**  
size M



Z708542

**Square weighing boats**  
size S



Z708569

**Square weighing boats**  
size L



Z509337

**Weighing funnel**  
size S, anti-static PP



Z509329

**Weighing funnel**  
size XS, anti-static PP

## Grinders & Homogenizers



Samples must be homogenized to an adequate degree of analytical fineness and uniformity for chemical and physical analytical methods. Proper sample preparation can impact throughput, data quality, and cost of analysis. We offer a comprehensive range of laboratory mills, grinders, sonicators, and homogenizers for coarse, medium, fine, and ultrafine size reduction of almost any material. These tools are used in labs including chemistry, forensics, pharmaceutical production, food testing, materials science, environmental analysis, and life science applications.

- Sieves are mesh devices used to manually separate particles by size.

- Mills and grinders are used for to break dry or wet samples into smaller particles by grinding, crushing, or cutting.
- Blades are used in mills to cut up samples into finer particles.
- Hand-held and bench top homogenizers blend chemical or biological samples thoroughly using various methods.
- Sonicators are homogenizers that use sound energy to agitate particles in laboratory extraction methods. Probes are attached and can be switched for efficient homogenization of various sample volumes.

Read more about

- **Mills**
- **Hand-held Grinders**
- **Mortars & Pestles**
- **Grinding Resins**
- **Sonicators**
- **Benchtop Homogenizers**

## MILLS

Our laboratory **mills** are ideal for batch grinding and dry grinding of hard and brittle substances. They are especially suitable for grinding seeds, such as corn and wheat.

## HAND-HELD GRINDERS

We offer a range of hand-held grinders from **DWK KIMBLE® Dounce All-Glass tissue grinders** designed for cellular work in which the nucleus remains intact after homogenization, to Benchmark Scientific's handheld rotor-stator homogenizer, the D1000. This works by drawing the sample, in liquid, into the generator probe with the variable speed rotor, and then forcing it out through the slots in the stator. This achieves mechanical shearing of the sample and is designed to rapidly homogenize, emulsify, suspend, and disrupt biological samples.

## MORTARS & PESTLES

Our **mortars and pestles** are designed to be effective on larger, harder samples and are available in a variety of materials to provide detergent resistance, thermal endurance, or a completely impervious surface.

## GRINDING RESINS

**Molecular Grinding Resin™** has been specifically developed for effectively grinding biological samples for extraction of DNA, RNA, and proteins. The resin is high tensile micro-particles, which effectively disrupt nuclei and other cell organelles. Molecular Grinding Resin™ does not bind protein or nucleic acids. Simply mix the biological sample with Molecular Grinding Resin™ and grind or homogenize the sample.

## SONICATORS

**Ultrasonic processors** can be the best choice for cell disruption in bacteria and spores. They can be used for accelerating catalytic reactions, extractions of toxins or enzymes from organic sources, solubilizing difficult compounds, and emulsification to 0.01 mm.

## BENCH TOP HOMOGENIZERS

Benchmark Scientific's **BeadBug™ homogenizer** enables simultaneous homogenization of samples inside disposable 2 mL screw cap microtubes. The optimized mixing motion causes rapid cell disruption through constant high-velocity impact from the hardened micro-beads. With a capacity of 3 or 6 samples, it is the ideal instrument for low to medium throughput laboratories.

Z409103

### **Agate mortar and pestle**

Deep form, O.D. 125 mm



Z409111

### **Agate mortar and pestle**

Deep form, O.D. 150 mm



BMSIPD9600BD4

### **Ball Dropper to Fill 96 BeadBlaster™ 96 Well Plate**

diam. 4 mm



BMSIPD9600BD5

### **Ball Dropper to Fill 96 BeadBlaster™ 96 Well Plate**

diam. 5 mm



BMSIPD9600BD28

### **Ball Dropper to Fill 96 BeadBlaster™ 96 Well Plate**

diam. 2.8 mm



BMSIPD960050T

### **BeadBlaster™ 96 Adapter**

to hold, 4 x 15-50ml Tubes, stainless steel



BMSIPD960096

### **BeadBlaster™ 96 Adapter**

to hold, 96 well plate, steel



BMSIPD960038581

### **BeadBlaster™ 96 Ceramic grinding bar, 45° angled ends**

bead diam. 3/8-5/8 , fits 50 mL tubes, pack of 100



BMSIPD960038781

### **BeadBlaster™ 96 Ceramic grinding bar, 45° angled ends**

bead diam. × L 3/8 × 7/8 , fits 50 mL tubes



BMSIPD960025S

### **BeadBlaster™ 96 Grinding Jars for Hard Samples**

stainless steel, capacity 25 mL



BMSIPD960050S

**BeadBlaster™ 96 Grinding Jars for Hard Samples**

stainless steel, capacity 50 mL, pack of 2



BMSIPD960035PTFE

**BeadBlaster™ 96 Grinding Jars for Pharmaceutical Samples**

PTFE, capacity 35 mL, pack of 1



BMSIPD960035ZO

**BeadBlaster™ 96 Grinding Jars for Trace Metal Samples**

(zirconium oxide), capacity 35 mL, pack of 2



BMSIPD960025TC

**BeadBlaster™ 96 Grinding Jars for Very Hard Samples**

tungsten carbide, capacity 25 mL, pack of 2



BMSIPD960015PTFB

**BeadBlaster™ 96 PTFE Grinding ball with Steel core**

bead diam. 15 mm, BeadBlaster™ 96



BMSIPD960010TCB

**BeadBlaster™ 96 Tungsten Carbide grinding ball**

bead diam. 10 mm, Tungsten carbide grinding jar



BMSIPD96004PC

**BeadBlaster™ 96 Vial With Cap**

polycarbonate, capacity 4 mL, 3/8" SS grinding ball



BMSIPD960015ZOB

**BeadBlaster™ 96 Zirconium Oxide Grinding Ball**

bead diam. 15 mm, Zirconium Oxide Grinding grinding jar



BMSIPD9600

**Benchmark BeadBlaster™ 96 Ball Mill Homogenizer**

AC/DC input 120 V



BMSIPD9600E

**Benchmark BeadBlaster™ 96 Ball Mill Homogenizer**

AC/DC input 220 V, Schuko plug

BMSIPD960010BS

**Benchmark Stainless Steel Bulk Beads**

bead diam. 10 mm



BMSIPD960025BS

**Benchmark Stainless Steel Bulk Beads**

bead diam. 25 mm



BMSIPD960038S

**Benchmark Stainless Steel Bulk Beads**

bead diam. 9.5 mm



BMSIPD96004M

**Benchmark Stainless Steel Bulk Beads**

bead diam. 4 mm, acid washed



BMUSD113450

**Benchmark Stainless Steel Bulk Beads**

bead diam. 5 mm, acid washed



Z305359

**Bransonic® Model B200 cleaner**

AC/DC input 240 V AC



Z151491

**Bransonic® ultrasonic cleaner accessories**

Solid tray, stainless steel, tank capacity 5.7 L



Z282081

**Coors™ apothecary mortar**

O.D. × H 100 mm × 59 mm



Z282103

**Coors™ apothecary pestle**

minimal sample contamination



P1110

**Dounce tissue grinder pestle**

Small clearance, working volume 2 mL



BMSIPD1196CM

**EVA Cap Mat for Toughened Genomics**

pack of 10 ea



Z289647

**Fine test sieves**

Brass frame, pore size 1.00 mm



Z289841

**Fine test sieves**

Brass frame, pore size 45 µm



Z289868

**Fine test sieves**

Brass frame, pore size 38 µm



Z289744

**Fine test sieves**

Brass frame, pore size 250 µm



Z289922

**Fine test sieves**

SS frame, pore size 500 µm



Z400114

**Fine test sieves**

SS frame, pore size 150 µm



Z400157

**Fine test sieves**

SS frame, pore size 75 µm



Z400165

**Fine test sieves**

SS frame, pore size 63 µm



Z400173

**Fine test sieves**

SS frame, pore size 53 µm

Z400149

**Fine test sieves**

SS frame, pore size 90 µm



Z289957

**Fine test sieves**

SS frame, pore size 300 µm



Z289698

**Fine test sieves**

Brass frame, pore size 500 µm



BMSIPD960050G

## Gasket for 25ml Stainless Steel BeadBlaster™ 96 Grinding Jar



Z511374

**Glass mortar and pestle**  
capacity 30 mL



Z511382

**Glass mortar and pestle**  
capacity 60 mL



Z511390

**Glass mortar and pestle**  
capacity 125 mL



Z511412

**Glass mortar and pestle**  
capacity 500 mL



Z511420

**Glass mortar and pestle**  
capacity 1000 mL



Z511404

**Glass mortar and pestle**  
capacity 250 mL



D9938

**KIMBLE Dounce tissue grinder set**  
15 mL complete



D9063

**KIMBLE Dounce tissue grinder set**  
7 mL complete



D8938

**KIMBLE Dounce tissue grinder set**  
2 mL complete



Z359971

**Pellet pestles**  
Cordless motor



Z359955

**Pellet pestles**  
CTFE/stainless steel (Reusable; Autoclavable)





Z359963

**Pellet pestles**

CTFE/stainless steel (Reusable, Autoclavable)



P7859

**Potter-Elvehjem PTFE pestle and glass tube**

working volume 8 mL



P7984

**Potter-Elvehjem PTFE pestle and glass tube**

working volume 45 mL



BMSIPD119640

**Prefilled 96 well plate for BeadBlaster™ 96**

bead diam. 4 mm, well volume 2 mL



BMSIPD1196MP

**Toughened Genomics 96 Deep Well Plate for BeadBlaster™ 96**

polyethylene, capacity 2 mL, pack of 1 ×

Z412600

**Ultrasonic processor 130 W**

AC/DC input 117 V AC



Z412619

**Ultrasonic processor 130 W**

AC/DC input 220 V AC



Z511471

**Ultrasonic processors 500W and 750W**

500W, AC/DC input 220 V AC, Schuko plug



Z252778

**Ultrasonic processors 500W and 750W**

coupler



Z511463

**Ultrasonic processors 500W and 750W**

750W, AC/DC input 220 V AC, Schuko plug



Z509302

**Ultrasonic processors 500W and 750W**

750W, AC/DC input 110 V AC



Z190179

**Wheaton Safe-Grind tissue grinder**

complete, size 30 mL

Z214760

**ACE 304 SS blade**

W × L 24 mm × 134 mm



Z214744

**ACE 304 SS blade**

W × L 19 mm × 76 mm



Z214779

**ACE 304 SS blade**

W × L 24 mm × 160 mm



Z214752

**ACE 304 SS blade**

W × L 23 mm × 113 mm



Z167061

**ACE microscale, fixed-head, spinning-band column assembly**

joint: ST/NS 14/10 top and bottom, PTFE



Z684910

**Ace mixing baffle**

shaft O.D. × L 10 mm × 310 mm, fits #11 Ace-Thred™ adapter, glass



Z154482

**Ace polished shaft**

diam. × L 10 mm × 580 mm, with button: no



Z154490

**Ace polished shaft**

diam. × L 19 mm × 1200 mm, with button



Z508551

**Ace polished shaft**

diam. × L 10 mm × 690 mm, with button: no



Z508578

**Ace polished shaft**

diam. × L 19 mm × 700 mm, with button

Z508551

**Ace polished shaft**

diam. × L 10 mm × 690 mm, with button: no



Z508608

**Ace precision-ground shaft**

diam. × L 10 mm × 690 mm



Z126020

**Ace precision-ground shaft**

diam. × L 10 mm × 580 mm



Z126012

**Ace precision-ground shaft**

diam. × L 10 mm × 440 mm



Z154660

**Ace precision-ground shaft**

diam. × L 5 mm × 318 mm



Z163015

**Ace precision-ground, solid-glass shaft**

diam. × L 10 mm × 580 mm

joint: ST/NS 24/40, fits shaft o.d., 10 mm

Z656097

**Heidolph Reax 2 overhead shaker**

AC/DC input 230 V AC



Z742204

**Hi/Lo profile rocker**

Rocker with 2 Platforms, AC/DC input 220 V AC, Schuko plug



Z742205

**Hi/Lo profile rocker**

Rocker with 3 Platforms, AC/DC input 220 V AC, Schuko plug



Z742203

**Hi/Lo profile rocker**

Rocker with 1 Platform, AC/DC input 220 V AC, Schuko plug



Z742306

**Horizontal rotisserie for RotoBot™ Rotating Mixers**

holds 6 x 15 mL tubes, pkg of 1 ea

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Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

[www.sigmaaldrich.nt-rt.ru](http://www.sigmaaldrich.nt-rt.ru) | | [scx@nt-rt.ru](mailto:scx@nt-rt.ru)