

Bullet Blender® Homogenizer for Tissues and Cell Cultures



Bullet Blender®



**Bullet Blender®**. Each Bullet Blender® instrument comes with a power supply, an operator’s manual, a spatula or spoon for aliquoting beads, a bag of sample tubes and several tubes of grinding beads.

**BBX24 - Bullet Blender® (snap-cap micro-centrifuge tubes)**..... \$2495  
 Disrupt, or homogenize cells and tissue, up to 24 samples in 1.5 - 2.0mL snap-cap micro-centrifuge tubes at a time.

**BBX24-CE** - with CE certification and upgraded electronics..... \$2695

**BBX24B - Bullet Blender® Blue (snap-cap micro-centrifuge tubes)** ... \$2945  
 Similar to BBX24, with the addition of air cooling™. The most popular model.

**BBX24B-CE** - with CE certification and upgraded electronics..... \$3145

**BBX24W - Bullet Blender® (screw-cap micro-centrifuge tubes)** ..... \$2495  
 Similar to BBX24, but for 1.5mL screw-cap tubes.

**BBX24W-CE** - with CE certification and upgraded electronics ..... \$2695

**BBX24BW - Bullet Blender® Blue (screw-cap micro-centrifuge tubes)** \$2945  
 Similar to BBX24W, with the addition of air cooling™.

**BBX24BW-CE** - with CE certification and upgraded electronics..... \$3145

**BBY24M Bullet Blender® Storm**..... \$3450  
 More powerful for tougher samples (air cooling™ included).

**BBY24M-CE** - with CE certification and upgraded electronics..... \$3650

**BBX5MB Bullet Blender® 5** ..... \$3450  
 Similar to BBX24B, for up to 12 samples in 5mL tubes (air cooling™ included).

**BBX5MB-CE** - with CE certification and upgraded electronics..... \$3650

**BB50-DX Bullet Blender® Blue 50-DX (for screw-cap skirted tubes)** \$3955  
 Ultra-powerful motor for high-performance homogenization in 50mL tubes. Air cooling included.

**BB50-DX-CE** - with CE certification and upgraded electronics ..... \$4155

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Bullet Blender® Homogenizer Enhancements



BioBox™

**BIOX - BioBox™ enhancement**..... \$3300

Must be ordered with a BBX24W / BW-model Bullet Blender®. With this factory installed enhancement, the Bullet Blender® is built into a negative pressure, locking containment unit. Built with clear components to allow easy identification of leaks or spills. The Bullet Blender® is also made of clear plastic.

**FBBX Field Blender enhancement** ..... \$350

Must be ordered with a BBX24-model Bullet Blender®. Internal battery provides 2+ hrs of battery life. Reduced 6-tube capacity. Comes w/ padded handle and car charger. Entire unit weighs only 9 pounds. Fits into most backpacks.



FBBX

**EW-BBX Extended Warranty** ..... \$316

Extend warranty to 4 yrs, with priority on repairs, on BBX models.

**Starter Kit Deluxe Upgrades**

All homogenizer purchases come with a kit to get started out-of-the-box. Consider upgrading to one of these deluxe kits to get more of these accessories. Ordering a part below will remove the basic starter kit and replace it with the deluxe kit - a complete description of kit contents can be found in the "accessories" section of this list.

Non-Sterile

- DSK-24-U** - (for snap-cap micro-centrifuge models)..... \$230
- DSK-24W-U** - (for screw-cap micro-centrifuge models)..... \$290
- DSK-5M-U** - (for 5mL models) ..... \$174
- DSK-50B-U** - (for 50mL models) ..... \$340

RNase free

- DSK-24-RNA-U** - (for snap-cap micro-centrifuge models)..... \$286
- DSK-24W-RNA-U** - (for screw-cap micro-centrifuge models)..... \$329
- DSK-5M-RNA-U** - (for 5mL models) ..... \$316
- DSK-50B-RNA-U** - (for 50mL models)..... \$389

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Bullet Blender® Bead Lysis Kits



**Bead Lysis Kits.** Next Advance Bead Lysis Kits are pre-filled with bead combinations optimized to homogenize your specific tissue sample. Use for simpler, faster processing of your samples.

Available as RNase-free or non-sterile in packs of 50 or 250.

**PINK**

Pink Bead Lysis Kits can be used to homogenize **small** samples of **soft to medium-toughness**.

Non-Sterile

PINKE1 - Pack of 50 .....\$76  
 PINKE5 - Pack of 250 .....\$334.40

RNase free

PINKE1-RNA - Pack of 50.....\$96  
 PINKE5-RNA - Pack of 250.....\$422.40

**RED**

Red Bead Lysis Kits can be used to homogenize **large** samples of **soft to medium-toughness**.

Non-Sterile

REDE1 - Pack of 50 .....\$88  
 REDE5 - Pack of 250.....\$387.20

RNase free

REDE1-RNA - Pack of 50.....\$108  
 REDE5-RNA - Pack of 250.....\$475.20

**GREEN**

Green Bead Lysis Kits can be used to homogenize **small, tough** samples.

Non-Sterile

GREENE1 - Pack of 50 .....\$78  
 GREENE5 - Pack of 250 .....\$343.20

RNase free

GREENE1-RNA - Pack of 50.....\$98  
 GREENE5-RNA - Pack of 250.....\$431.20

**NAVY**

Navy Bead Lysis Kits can be used to homogenize **large, tough** samples.

Non-Sterile

NAVYE1 - Pack of 50 .....\$93  
 NAVYE5 - Pack of 250 .....\$409.20

RNase free

NAVYE1-RNA - Pack of 50 .....\$113  
 NAVYE5-RNA - Pack of 250 .....\$497.20

**RAINBOW**

Rainbow Bead Lysis Kits contain packs of Pink, Red, Green, and Navy.

Non-Sterile

RAINBOWE1 – 4 Packs of 50 in total: 1 Pack each of PINKE1, REDE1, GREENE1, and NAVYE1 .....\$308

RNase free

RAINBOWE1-RNA – 4 Packs of 50 in total: 1 Pack each of PINKE1-RNA, REDE1-RNA, GREENE1-RNA, and NAVYE1-RNA.....\$381

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## Bullet Blender® Beads

**BEADS – in 1 lb. (0.45 kg) package**

<b>GB01</b> 0.1 mm glass beads (density is 2.5g/mL).....	\$39
<b>GB05</b> 0.5 mm glass beads.....	\$34
<b>GB10</b> 1.0 mm glass beads.....	\$34
<b>ZSB05</b> 0.5 mm zirconium silicate beads (3.8g/cc) .....	\$51
<b>ZSB10</b> 1.0 mm zirconium silicate beads .....	\$51
<b>ZSB20</b> 2.0 mm zirconium silicate beads .....	\$51
<b>ZROB015</b> 0.15 mm zirconium oxide beads (5.5g/mL) .....	\$83
<b>ZROB05</b> 0.5 mm zirconium oxide ceria stabilized beads .....	\$83
<b>ZROB10</b> 1.0 mm zirconium oxide ceria stabilized beads .....	\$83
<b>ZROB20</b> 2.0 mm zirconium oxide beads .....	\$83
<b>SSB02</b> 0.2 mm stainless steel beads (7.9g/mL).....	\$98
<b>SSB05</b> 0.5 mm stainless steel beads .....	\$98
<b>SSB14B</b> 0.9 to 2.0 mm blend stainless steel beads .....	\$151
<b>SSB16</b> 1.6 mm (1/16 inch) stainless steel balls .....	\$151
<b>SSB32</b> 3.2 mm (1/8 inch) stainless steel balls .....	\$92
<b>SSB48</b> 4.8 mm (3/16 inch) stainless steel balls .....	\$92

**RNase Free Beads – 4 mL package**

<b>GB01-RNA</b> 0.1 mm glass beads (density is 2.5g/mL) .....	\$28
<b>GB05-RNA</b> 0.5 mm glass beads .....	\$28
<b>ZR0B015-RNA</b> 0.15 mm zirconium oxide ceria stabilized beads (5.5 g/mL).....	\$37
<b>ZR0B05-RNA</b> 0.5 mm zirconium oxide ceria stabilized beads.....	\$37
<b>ZR0B10-RNA</b> 1.0 mm zirconium oxide ceria stabilized beads.....	\$37
<b>ZR0B20-RNA</b> 2.0 mm zirconium oxide ceria stabilized beads.....	\$37
<b>SSB02-RNA</b> 0.2mm stainless steel beads (7.9 g/mL) .....	\$48
<b>SSB05-RNA</b> 0.5mm stainless steel beads .....	\$48
<b>SSB14B-RNA</b> Stainless steel 0.9-1.4mm bead blend .....	\$55
<b>SSB16-RNA</b> 1.6 mm (1/16 inch) stainless steel beads .....	\$55

**RNase Free Beads – 10 mL package**

<b>SSB32-RNA</b> 3.2 mm (1/8 inch) stainless steel beads (7.9 g/mL) .....	\$98
<b>SSB48-RNA</b> 4.8 mm (3/16 inch) stainless steel beads .....	\$98

**Sample Packs of Beads –several tubes of various beads.**

<b>BSP-CC2</b> (replaces BSP-CC) sample pack with 5 types of beads for homogenizing Cell Cultures: 0.1 mm glass beads (GB01), 0.5 mm glass beads (GB05), 0.15mm zirconium oxide beads (ZrOB015), 0.5mm zirconium oxide beads (ZrOB05), and 0.2mm stainless beads (SSB02). 10ml of each.....	\$123
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**BSP-OT2** (replaces BSP-OT) sample pack with 5 types of beads for homogenizing tough Organ Tissues: 0.5 mm, 1.0mm and 2.0mm zirconium oxide beads (ZrOB05, ZrOB10, and ZrOB20), and 0.9 to 2.0mm blend and 3.2 mm stainless steel beads (SSB14B, SSB32). 10ml of each .....\$146

**BSP-ST** sample pack with 8 types of beads for homogenizing Soft Tissues: 0.5 and 1.0 mm glass beads (GB05, GB10), 0.5, 1.0, and 2.0 mm zirconium silicate beads (ZrSB05, ZrSB10, and ZrSB20), and 0.5, 1.0, and 2.0 mm zirconium oxide beads (ZrOB05, ZrOB10, and ZrOB20). 10ml of each .....\$105

**BSP-ALL** sample pack with all 16 types of beads we sell. 10ml of each.....\$258

**BSP-MC** a sampling of beads for use with micro-centrifuge tubes. Note that this pack is included with Bullet Blender® and Bullet Blender® Blue purchases. Glass beads: 0.1mm and 0.5mm. ZrO beads: 0.5mm, 1.0mm, and 2.0mm. Stainless steel: 0.2mm, 0.9-2.0mm blend and 3.2mm. 10ml of each .....\$151

**BSP-5M** a sampling of beads for use with 5ml tubes. Note that this pack is included with Bullet Blender® Blue 5 purchases. Glass beads: 0.1mm and 0.5mm. ZrO beads: 0.5mm, 1.0mm, and 2.0mm. Stainless steel: 0.2mm, 0.9-2.0mm blend and 3.2mm. 10ml of each .....\$151

**BSP-50B** jumbo bead sample pack for use with 50 ml tubes for homogenizing cell cultures and soft tissues. Note that this pack is included with Bullet Blender® Blue 50 purchases. Glass beads: 0.1mm. ZrO beads: 0.15mm, 0.5mm, 1.0mm and 2.0mm. Stainless: 0.2mm, 0.9-2.0mm blend, and 4.8 mm. 20ml of each.....\$304

**Deluxe Starter Kits** – sample tubes, dispensing spoons, and beads for most applications

**DSK-24** (replaces DSK-1) includes TUBE1EP5, MSP01, and BSP-ALL.....\$325

**DSK-24-RNA** (replaces DSK-RNA2) includes TUBE1EP5-S, MSP01-RNA, and GB01-RNA, ZrOB05-RNA, ZrOB10-RNA, ZrOB20-RNA, SSB14B-RNA and SSB32-RNA .....\$381

**DSK-24W** includes TUBE1.5AX-S, MSP01, and BSP-ALL.....\$385

**DSK-24W-RNA** includes TUBE1.5AX-S, MSP01-RNA, and GB01-RNA, ZrOB05-RNA, ZrOB10-RNA, ZrOB20-RNA, SSB14B-RNA and SSB32-RNA .....\$423

**DSK-5M** includes TUBE5AX, MSP05, and BSP-5M.....\$269

**DSK-5M-RNA** includes TUBE5AX-S2, MSP05-RNA, and GB05-RNA, ZrOB05-RNA, ZrOB10-RNA, ZrOB20-RNA, SSB14B-RNA and SSB32-RNA.....\$411

**DSK-50B** includes TUBE50AX, SPN2, and BSP-50B .....\$435

**DSK-50B-RNA** includes TUBE50AX-S, SPN2, and GB05-RNA, ZrOB05-RNA, ZrOB10-RNA, ZrOB20-RNA, SSB14B-RNA and SSB48-RNA .....\$484

**Tubes**

**TUBE1EP5** 1.5 mL Eppendorf® Safe-Lock® microtubes box of 500, snap cap, non-sterile.....\$65

**TUBE1EP5-S** 1.5 mL Eppendorf® Safe-Lock® microtubes box of 500, snap cap, PCR clean, RNase & DNase free .....\$85

**TUBE2EP** 2.0 mL Eppendorf® Safe-Lock® microtubes box of 500, snap cap, non-sterile.....\$67

**TUBE2EP-S** 2.0 mL Eppendorf® Safe-Lock® microtubes box of 500, snap cap, PCR clean, RNase & DNase free .....\$87

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<b>TUBE1.5AX-S</b> 1.5 mL Axygen® screwtop tubes, sterile, PCR clean, RNase & DNase free, 500 ...	\$132
<b>TUBE5AX</b> 5 ml Axygen® centrifuge tubes, pack of 1000, non-sterile .....	\$108
<b>TUBE5AX-S2</b> 5 ml Axygen® centrifuge tubes, pack of 500, PCR clean, RNase & DNase free .....	\$116
<b>TUBE50AX</b> 50 ml Axygen® skirted non-sterile centrifuge tubes, pack of 500.....	\$127
<b>TUBE50AX-S</b> 50 ml Axygen® skirted sterile centrifuge tubes, pack of 500, PCR clean, RNase & DNase free.....	\$194

**Spatulas / Spoons.** Individually packaged, plastic, microspatulas, microspoons, and 1.2 ml spoons. Microspatulas (SPAT) are RNase/DNase free and sterile. 1.2 ml SPN spoons are sterile.

<b>SPAT1</b> pack of fifty 50µl spatulas....	\$187	<b>SPAT2</b> pack of ten 50µl spatulas....	\$54
<b>SPN1</b> pack of 200 1.2mL spoons....	\$331	<b>SPN2</b> pack of 20 1.2mL spoons....	\$52
<b>MSP01</b> pack of 25 100µl microspoons....	\$38	<b>MSP05</b> pack of 25 500µl microspoons....	\$40
<b>MSP01-RNA</b> pack of 10 100µl microspoons....	\$46	<b>MSP05-RNA</b> pack of 10 500µl microspoons....	\$49

**Noise Reduction Enclosures**

<b>NRE-2</b> This enclosure, sized for all Bullet Blenders®, is walled with sound absorbing foam which greatly reduces the noise from the Bullet Blender® and has a built-in fan to prevent heat buildup ...	\$342
<b>QCE-A</b> Reduces noise from the Bullet Blender® even better than the NRE-2 and also provides active refrigeration to keep samples even cooler! The thermoelectric cooling is environmentally friendly and never requires recharging. Cools down to 54°F (12°C). Double-paned glass front, integrated Bullet Blender® power supply, internal LED lighting, digital temperature display, and touchscreen controls. Fits all models.....	\$875

**Gaskets**

For BioBox™ containment unit:

<b>GSKBX1</b> Replacement rubber seal (set of 2) .....	\$50
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For BBX-series and BBY-series Bullet Blenders®:

<b>GPBB24</b> Replacement plastic gasket assembly for BBX and BBY snap-cap models .....	\$30
<b>GABB24</b> Replacement anodized aluminum gasket assembly for BBX and BBY snap-cap models ...	\$60
<b>GABB5M</b> Replacement anodized aluminum gasket assembly for BBY5M, BBX24W and BBX24BW models .....	\$60

For BB50 model Bullet Blenders®:

<b>GA50-DX</b> Replacement anodized aluminum gasket assembly for BB50 models .....	\$84
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For CDX-series Bullet Blenders® (no longer in production):

<b>GSKT1F</b> Replacement foam gaskets for CDX-series, pack of 2, “D” shape .....	\$25
<b>GSKT1R</b> Replacement rubber gaskets for CDX-series, pack of 2, “D” shape.....	\$25
<b>GSKT1P</b> Replacement plastic gasket for CDX-series, “D” shape .....	\$15
<b>GSKT2</b> Replacement rubber gaskets for older CDX lids, pk. of 2, “O”shape .....	\$25
<b>GPBB50</b> Replacement plastic gasket for BBX50B lids.....	\$30

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**FREEDOM ROCKER™**



Freedom Rocker DX4

**FRSKDX2 FREEDOM ROCKER™ Deluxe 2-Tray Version Starter Kit .....\$3,400**

Completely Programmable. Includes everything you need to get started:

- Freedom Rocker™ instrument and wall plug power supply.
- Two 2-liter Nalgene® Heavy Duty polyethylene bottles with One>Click™ quick-connect leak-proof caps for Buffer and Waste.
- Four 250 ml Pyrex® reagent bottles with One>Click™ quick-connect leak-proof cap.
- One 50 ml reagent tube with One>Click™ quick-connect leak-proof cap.
- Tube Set adaptable for draining to a sink or to a Waste bottle.
- Aspiration Head for use with two trays (or one large tray).
- Two TRAY32 (250ml).

**FRSKDX2 – MD .....\$3,850**

Same as above, plus Multi-Dispense - the ability to dispense distinct reagents, such as antibodies, into each tray. (The reagents cannot be recovered separately.)

**FRSKDX4 FREEDOM ROCKER™ Deluxe 4-Tray Version Starter Kit .....\$3,600**

Similar to FRSKDX2, with the following dispense/aspiration head and trays: 4-tray aspiration head and 4 of TRAY32 (250 ml).

**FRSKDX4 – MD .....\$4,200**

Same as FRSKDX4 above, plus Multi-Dispense – the ability to distinct reagents, such as antibodies, into each tray. (The reagents cannot be recovered separately.)

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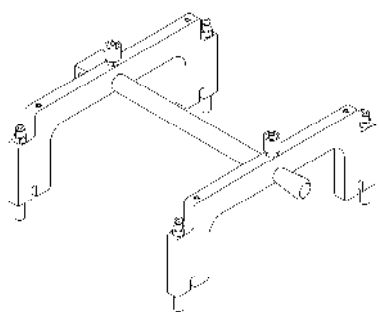
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Accessories for Freedom Rockers



**Tube Sets.** The tube set consists of color-coded silicone tubing with quick release fittings. It can be easily swapped into the Freedom Rocker's™ peristaltic pump without the use of any tools. The waste tube can be run to a sink or to a bottle and the tubes can be cut to length by the user.

<b>TSET23 Tube Set</b> for 1 or 2 trays for FRSK22 .....	\$225
<b>TSET43 Tube Set</b> for 4 trays for FRSK42.....	\$261
<b>TSET45 Tube Set</b> for 1 or 2 trays for FRSK42 .....	\$225
<b>TSET47 Tube Set</b> for 1 or 2 trays for FRSKDX2.....	\$225
<b>TSET49 Tube Set</b> switchable for 4 trays or 2 trays for FRSKDX4.....	\$261



**Aspiration Heads.** Aspiration heads have legs that fit into tray(s) for aspirating and dispensing liquids. Luer Lock fittings provide easy, leak proof connections.

<b>AHDS24 Small Aspiration Head</b> .....	\$235
Fits one small or one medium size tray.	
<b>AHDL25 Large Aspiration Head</b> .....	\$300
Fits 2 small or medium trays, or 1 large tray.	
<b>AHDL25-MD Large Aspiration Head</b> .....	\$450
Same as AHDL25 above with the multi-dispense feature.	
<b>AHDL46 4-Tray Aspiration Head</b> .....	\$400
Fits 4 trays, sizes 31 to 34 (large enough for 10 x 10 cm minigels).	
<b>AHDL46-MD 4-Tray Aspiration Head</b> .....	\$700
Same as AHDL46 above with the multi-dispense feature.	



**Trays.** Reusable, dishwasher safe, deluxe, polypropylene trays, with graduations and a trench around the perimeter for improved aspiration. Recommended for best performance.

<b>TRAY31</b> 125 ml for 6 x 4.5 cm samples. Pkg. of 4. ....	\$14.30
<b>TRAY32</b> 250 ml for 8 x 5 cm samples. Each. ....	\$6.50
<b>TRAY33</b> 500 ml for 10 x 6 cm samples. Each. ....	\$7.50
<b>TRAY34</b> 500 ml for 11 x 10 cm samples. Each. ....	\$8.50
<b>TRAY35</b> 900 ml for 16 x 10 cm samples. Each. ....	\$9.80
<b>TRAY36</b> 1700 ml for 22 x 16 cm samples. Each. ....	\$14.30



**Bottles and Tubes**

**Nalgene® heavy duty polyethylene bottles** with One>Click™ quick-connect leak-proof caps for Buffer and Waste.

<b>BTLN52</b> 2000 ml. Set of 2. ....	\$85
<b>BTLN54</b> 4000 ml. Each. Specify Buffer or Waste. ....	\$70

**Pyrex® media bottles** with One>Click™ caps for Reagent

<b>BTLP 61</b> 250 ml. Each. ....	\$47
<b>BTLP 62</b> 500 ml. Each. ....	\$50

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<p><b>50 mL centrifuge tube with One&gt;Click™ caps for Reagent</b>  <b>TB50</b> Each. .... \$23</p>	
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**Slide Holders.** Polypropylene holders protect slides during Freedom Rocker™ washes. Pack of 100, slides not included.  
**SLDH-1** Holders for one slide. .... \$75  
**SLDH-2** Double holders for two slides. .... \$95

	<p><b>One&gt;Click™ Caps.</b> Caps have fittings with integral valves so that liquids will not spill out, even if the bottle is held upside down. Just press the mating part (tubing with the mating fitting) onto the cap for a leakproof connection. Just one click to release.</p> <p><b>CAPN53 size 53B cap</b>, for 1L and 2L Nalgene® heavy duty bottles. Set of 2, one with silicone tubing for inside the Buffer bottle. .... \$45</p> <p><b>CAPN83 size 83B cap</b>, for 4L and larger Nalgene® bottles and carboys. Set of 2, one with silicone tubing for inside the Buffer bottle. .... \$60</p> <p><b>CAPP45</b> for Pyrex® Media Bottles from 100ml and up. Each. .... \$25</p> <p><b>One&gt;Click™ Caps for other bottles</b> ..... Call for Pricing</p>
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	<p><b>Fittings.</b> Fittings mate with One&gt;Click™ caps. The other end of each fitting has hose barbs so they are easy to slip into the end of soft tubing. Please specify <b>inside</b> diameter of tubing: 1/8, 3/16, or 1/4 inch <b>inside</b> diameter. TSET23 Tube Set includes three FTG125's.</p> <p><b>FTG125</b> Fitting for 1/8 inch inside diameter tubing. Each. .... \$11</p> <p><b>FTG188</b> Fitting for 3/16 inch inside diameter tubing. Each. ... \$11</p> <p><b>FTG250</b> Fitting for 1/4 inch inside diameter tubing. Each. .... \$11</p>
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Syringe Pumps

 <p>SP1000</p>	<p><b>SP1000 Programmable Syringe Pump</b>..... \$750                  Holds a single syringe of up to 60 cc.</p>
	<p><b>SP1010 Programmable Syringe Pump</b>..... \$830                  Similar to SP1000, but with twice the pumping force and ~3x max speed.</p>
 <p>SP500</p>	<p><b>SP1070-M Programmable Syringe Pump</b> .....\$1500                  Similar to SP1000, modified for microfluidics applications.</p>
	<p><b>SP2200 Programmable Syringe Pump</b>..... \$975                  Holds up to 2 syringes of up to 60 cc each. Different sizes okay.</p>
	<p><b>SP1600 Programmable Syringe Pump</b>..... \$1500                  Holds up to 6 syringes of up to 60 cc each.</p>
	<p><b>SP1800 Programmable Syringe Pump</b>..... \$1500                  Holds up to 8 syringes of up to 10 cc each.</p>
	<p><b>SP300 “Just Infusion” Syringe Pump</b> ..... \$325                  Holds a single syringe of up to 60 cc. Adjustable pump rate.</p>
	<p><b>SP500 OEM Programmable Syringe Pump</b> ..... \$545                  Holds a single syringe of up to 60 cc. Similar to SP1000, but without the control panel or stand-alone housing.</p>
	<p><b>SP501 OEM Programmable Syringe Pump</b> ..... \$580                  Same as SP500, plus stall detection.</p>
	<p><b>SP510 OEM Programmable Syringe Pump</b> ..... \$595                  Similar to SP500, but with twice the pumping force and ~3x max speed.</p>
<p><b>SP511 OEM Programmable Syringe Pump</b> ..... \$630                  Same as SP510, plus stall detection</p>	
	<p><b>SP570-M OEM Programmable Syringe Pump</b> ..... \$1135                  Microfluidics pump, similar to SP1070-M, without the housing or control panel.</p>

Accessories

	<p><b>SPK-OEM Syringe Pump Kit for OEM SP-500 Pump</b> ..... \$35                  Includes manual, computer-to-pump cable, and power supply</p>
	<p><b>CBL-PUMP25</b> ..... \$17                  Pump-to-PC Primary Network Cable for Syringe Pumps- 25 ft</p>
	<p><b>CBL-PUMP7</b> ..... \$15                  Pump-to-PC Primary Network Cable for Syringe Pumps- 7 ft</p>
	<p><b>SPPS-1 Additional Power Supply for Syringe Pump</b> ..... \$25</p>
	<p><b>FTSW Foot Switch for Syringe Pump</b> ..... \$35</p>
	<p><b>HEAT-P Syringe Heater Kit</b>..... \$425                  Temperature controller and heater. Temperature sensor embedded. Use HEAT-S for additional syringes. 120VAC.</p>
	<p><b>HEAT-S Secondary Syringe Heater</b>..... \$125                  Syringe heaters for additional syringes, connected to HEAT-P on primary syringe.</p>

Prices do not include shipping, customs, or taxes. Prices subject to change without notice.

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24 Prospect Avenue, Averill Park, New York 12018, USA | Telephone USA: 1.800.738.1681 International: 1.518.674.3510  
 Fax 1.518.674.0189 | email: sales@nextadvance.com | www.nextadvance.com

Price List (N. America) and Ordering Information - effective Jan 1 – Dec 31, 2012  
 Pressure Injection Cell



Standard Model PC77

**PC77 Pressure Injection Cell** ..... \$995

- Pressure Injection Cell, rated at 2500 psi (17 MPa)
- Operator's Manual
- Hex Wrench
- 10 Ferrules for typical (~363 µm external diameter) capillaries- other sizes can be substituted (but are not stocked)

**PC77-MAG** PC77 with integrated magnetic stirplate and stirbar ..... \$1495

**PC1000** ..... \$1395

Capillary loader with a transparent body. Rated at 1000 psi (6.9 MPa). Includes Operator's Manual, Hex Wrench, and 10 ferrules.



Standard Model with Integral Magnetic Stirplate, PC77-MAG

**PACK-KIT Column Packing Kit** ..... \$791

Each kit includes what you need to go along with a pressure injection cell to pack capillary columns, an \$844 value.

- HPREG high pressure regulator, up to 1500 psi
- TBNG10 10 ft. of 1/8" Stainless Steel Tubing to run from the compressed gas tank to the Pressure Injection Cell
- CAP-75 10-meter spool of Fused Silica Capillary, 75 µm inside dia.
- 1 Cleaving Tool for cutting capillaries to length.
- STRBR5X2 Magnetic Stirbar, Teflon® coated, 5 x 2 mm

**HPREG High Pressure Regulator** ..... \$572

For up to 1500 psi operating pressure for use with Argon, Helium, or Nitrogen. Comes with fitting installed for accepting 1/8 inch tubing.



HPREG high pressure regulator

**TBNG10 1/8-inch Stainless Steel Tubing, 10 ft long** ..... \$116

Use this tubing to connect the pressure injection cell to the pressure regulator on your tank or to your pressure pump. Rated for 8500 psi.

**CAP-75 75 µm inside diameter fused silica capillary** ..... \$143

This flexible, polyimide coated capillary comes in a 10 meter length. 75 µm is the most popular size for making packed columns; other sizes are available but not stocked. Comes with a cleaving tool.



ADPT-ISOto1/8    ADPT-3mm1/8

**ADPT-ISOto1/8 Adapter 1/4ISO to 1/8 inch** ..... \$25

This adapter fits on metric (ISO) threaded pressure regulators and accepts 1/8 inch tubing.

**ADPT-3mm1/8 Adapter 3mm to 1/8 inch** ..... \$31

This adapter mounts on the cell and accepts 3 mm outside diameter tubing.

**ADPT-1/8to1/4 Adapter 1/8 to 1/4 inch** ..... \$17

This adapter accepts 1/8 outside diameter tubing and its tube stud is 1/4 inch.



STRBR5X2

**STRBR5X2 Magnetic Stirbar, 5x2 mm, Teflon® coated** ..... \$8

**FRIT-KIT** Kasil 1, Kasil 1624, formamide, and cleaving tool ..... \$49

**CTOOL1** cleaving tool ..... \$5

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**Rockers (Rocking Shakers)**



Infinity Rocker Pro (IR101)



Infinity Rocker Stack-3 (IR301)

**Infinity Rockers.** Incredible 4-year parts & labor warranty! Rugged, reliable, and quiet. Tilt is adjustable from 1° to 18°. 1-80 cycles per minute. Digital speed display. Rated for up to 11 pounds (5 kg) of load.

**IR101 Infinity Rocker Pro** 11 inch wide x 14 inch (27 x 35 cm) platform ..... \$895

**IR102 Infinity Rocker Mini** 8 inch wide x 9 inch (20 x 23 cm) platform ..... \$875

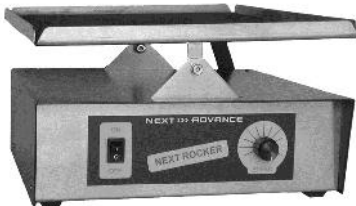
**IR103 Infinity Rocker XL** 20 inch wide by 16 inch (51 x 41 cm) platform ..... \$995

**Multi-tier Infinity Rockers.** Same extra-durable drivetrain and the same great 4-year warranty as the single-tier Infinity Rockers, with multiple 11 x 14 inch (28 x 36 cm) trays for triple or quadruple the rocking capacity.

**IR301 Infinity Rocker Stack-3** Triple-platform rocker. 6.5 inches (16.5 cm) clearance between platforms ..... \$1295

**IR401 Infinity Rocker Stack-4** Quadruple-platform rocker. 4+ inches (10+ cm) clearance between platforms ..... \$1395

**IR211 Infinity Rocker Stack-2 Tall** Dual-platform rocker. 12+ inches (30+ cm) clearance between platforms ..... \$1195



Next Rocker Pro (NR101)

**Next Rockers.** Rugged, reliable, and quiet. Tilt is adjustable from 1° to 18°.

**NR101 Next Rocker Pro** 11 inch wide x 14 inch (27 x 35 cm) platform.  
NR101-H 4 to 80 cycles/minute ..... \$585  
NR101-SS 1 to 20 cycles/minute ..... \$605

**NR102 Next Rocker Mini** 8 inch wide x 9 inch (20 x 23 cm) platform.  
NR102-H 4 to 80 cycles/minute ..... \$575  
NR102-SS 1 to 20 cycles/minute ..... \$595

**NR102H+12V Next Rocker Mini** 12V NR102 model for travel use (hooks up to a car outlet) ..... \$650

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Price List (N. America) and Ordering Information - effective Jan 1 – Dec 31, 2012



**STACKING TRAYS.** Rugged TIER 2 stacking trays snap on and off for easy removal when not needed. Each comes with a non-slip rubber pad. There is a gap of 4.5 inches between the rocker platform and the underside of the stacking tray.

**ST201 TIER 2 Pro Stacking Tray** ..... \$131  
Fits the NR101 and IR101 Pro Rockers, as well as the top tier of the IR301,IR401 and IR211 multiplatform rockers.

**ST202 TIER 2 MINI Stacking Tray**..... \$116  
Same as above. Fits the NR102 and IR102 Mini Rockers.

**ST203 TIER 2 XL Stacking Tray**..... \$164  
Same as above. Fits the IR 103 XL Rockers.

**ST405 STABILIZER 600** ..... \$141  
Stacking tray and bench top holder for 4 TPP TubeSpin 600 ml BioReactor bottles. Designed for the IR101 and IR211 rockers.

**NR-REFURB Refurbish a Next Rocker and replace motor** ..... \$158  
No need to purchase a new rocker when the motor wears out after years of usage. We will replace the motor and refurbish the Next Rocker.

**NR-IR Upgrade a Next Rocker to an Infinity Rocker** ..... \$595  
Replacement of the motor and controls with Infinity Rocker parts. Includes a 4-year warranty (from date of upgrade).

Centrifuges

**C112 Mini Centrifuge** Faster, more powerful, and twice the capacity of other palm-sized mini centrifuges. 120VAC. .... \$275

**C220 Micro Centrifuge** Microcentrifuge with multiple speeds, digital timer, and electronic imbalance detection. .... \$600

**CR32 0.2ml Strip Rotor** Strip-rotor for 0.2ml microcentrifuge tubes. Holds 32 tubes in two tiers (16 tubes per tier). Fits both centrifuge models..... \$50

**CR16 Standard Rotor** Standard 16-place rotor for 1.5-2.0ml tubes. Fits both centrifuge models. .... \$50

IncuCount



**IncuCount Colony Counter** The IncuCount automatically counts colonies at the touch of a button. Count on spiral, poured plates and Petri Film. The IncuCount can fit inside most incubators to monitor the growth rate of molds and bacteria. Connect to a computer using a USB cable.. .... \$6,999

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TPP Cell Culture Products



**TubeSpin Bioreactors** TubeSpin Bioreactors are ideally suited for the culture of bacteria, yeast, and other microbiological organisms in suspension:

- 50mL TubeSpin Bioreactors (180/case)** ..... \$225.86
- 600mL TubeSpin Bioreactors (26/case)** ..... \$455.68



**T10 Tiny Flask** The innovative design on the 10cm<sup>2</sup> Tissue Culture flask incorporates the features of a tissue culture flask and a 50ml conical centrifuge tube into a single multi-functional culture vessel. Integration of these functions prevents cell loss and the possibility of contamination during transfer since this step is now unnecessary (350/case) ..... \$300.31

Microtube Cooler



**Arctic Rack Microtube Cooler** The Arctic Rack is designed to store samples safely on the lab bench without sample degradation due to temperature increase or fluctuation. Simply place the Arctic Rack in a freezer overnight and it's ready for use, keeping samples cool and safe at the bench, without messy ice buckets or wet tubes. Keeps samples at approximately 0°C for up to 4 hours ..... \$120.00

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