



Plastic Products for Laboratory and Medical Specimen Handling



 **BIOMEDICAL
POLYMERS, INC.**



TABLE OF CONTENTS

Beakers and Stackable Cups	3
Specimen Collection	
Specimen Collection Kit	4
24 Hour Urine Containers	4
Sputum Collection System	4
Commode Specimen Collection System	5
Sterile Midstream Kits	5
Sterile Wide Mouth Specimen Containers	5
Multipurpose Containers	
Translucent	6
White	6
Screw Top	6
Centrifuge Ware	
Centrifuge Bottles	7
Centrifuge Tubes	7
Specialty Products	
Tissue Grinders	8
Funnels	9
Scoops and Spoons	10

Biomedical Polymers, Inc. is a quality manufacturer of plastic consumables for research and medical diagnostic laboratories. Our products are designed and manufactured to the highest quality standards. We offer a wide selection of products sold through the world's premier laboratory distributors and also produce critical OEM components for major diagnostic companies.

Biomedical Polymers has been in business for over 25 years. Our strengths are design and production innovation, flexibility, and ability to listen to our customer's needs. We understand what it takes to bring an idea from a concept to a finished product.

If you have a plastic OEM or custom injection molding requirement please contact us at 800/253-3684, or e-mail: sales@biomedicalpolymers.com so we can explore how best to be of service to you.

BEAKERS and STACKABLE CUPS



Beakers

Polypropylene Beakers: ± 5% Accuracy

Resistant to most commonly used laboratory reagents, including a variety of strong acids, bases, and organic solvents, these high quality polypropylene beakers are the premier choice for scientific applications. All beakers are transparent for clear content visibility and graduated for easily estimating volumes. Molded-in pouring spouts, and a rolled lip, for a dripless working environment. Autoclavable to 121°C (248°F).



Stackable Cups

Stackable Polypropylene Cups

Multipurpose heavy gauge stackable polypropylene specimen cups can be either sterilized or frozen. Can withstand temperatures as high as 121°C (248°F) or as low as 0°C (32°F). Sturdy enough for reuse, yet economical enough to throw away, molded graduations both in cc and fl. oz. Autoclavable to 121°C (248°F).

Item Number	Description	Graduation Range		Case Pack
		mL	oz.	
BEAKER LINE				
BMP-BK-15	15 mL Graduated Beaker	5-15	1/4-1/2	1000
BMP-BK-30	30 mL Graduated Beaker	5-30	1/4-1	1000
BMP-BK-50	50 mL Graduated Beaker	5-50	1/2-1-1/2	1000
BMP-BK-100	100 mL Graduated Beaker	5-100	1-3	1000
BMP-BK-150	150 mL Graduated Beaker	5-150	1-5	1000
BMP-BK-250	250 mL Graduated Beaker	10-250	2-8	500
BMP-BK-400	400 mL Graduated Beaker	25-400	2-12	500
BMP-BK-600	600 mL Graduated Beaker	25-600	2-20	500
STACKABLE POLYPROPYLENE CUP LINE				
BMP-STCP-120	120 cc/4 fl. oz. Stackable Cups	10-120	1/2-4	1000
BMP-STCP-500	500 cc/17 fl. oz. Stackable Cups	50-500	1-17	500

SPECIMEN COLLECTION

Specimen Collection Kit

For specimen collection and transport, this system provides disposable products for the convenient collection, delivery, and testing of urine specimens. A plastic cup is provided for specimen collection and the pressure sensitive patient identification labels have ample writing space. The lightweight transport rack is small and easy to carry yet provides space for up to 20 tubes with labels and caps. The tubes are made of sturdy polystyrene and are safe for centrifuging. The flared top permits the use of a midjet urinometer ensuring a tight cap fit. All elements of the system are disposable. A case contains 500 specimen collection cups, 500 15 mL collection tubes, 500 white caps, 500 pressure sensitive labels, and 5 transport racks.



Specimen Collection Kit

24 Hour Urine Container BMP-UR-554

This polyethylene container features easy-to-read graduations, a convenient carrying handle and an amber color for UV-protection. The plastic cap has an extra-thick F-217 liner to prevent leakage. The containers are easily stored and take minimal space in the refrigerator. Inert to normal preservatives. Container volume is 3000 mL.

24 Hour Urine Container with Dripless Pour Spout BMP-UR-552

This 3000 mL polyethylene container assures the precise measuring and dispensing of urine samples. The precision-made, fine pour spout allows for the sanitary transfer of small sample quantities into secondary containers. An integral dripless cap prevents cross-contamination and is attached to prevent cap loss. The container features easy-to-read graduations, a convenient carrying handle, and an amber color for UV protection.



Sputum Collection System



24 Hour Urine Containers

BMP-UR-552

BMP-UR-554

Sputum Collection System

Our sterile system is preassembled and packaged in an easy opening polyethylene bag. All components are polypropylene and are fully autoclavable. Our system consists of a wide funnel, lid, screw cap, graduated 50 mL centrifuge tube, identification label, and a base unit.



Sputum Collection Packaging

Item Number	Description	Case Pack
URINALYSIS SYSTEM		
BMP-UR-570	Specimen Collection Kit	500
TUBES AND CAPS IN BULK		
BMP-UR-572	Specimen Urinalysis Tubes only	500
BMP-UR-576	Caps only	1000
24 HOUR URINE CONTAINERS		
BMP-UR-554	24 Hour Urine Container	40
BMP-UR-552	24 Hour Urine Container with Dripless Spout	40
SPUTUM COLLECTION KIT		
BMP-SP-102	Sputum Collection Kit	36

SPECIMEN COLLECTION



Commode Specimen Collection System

This system makes stool collection easier and cleaner. It has easy-to-read graduations and a closed container transportation system. Its sturdy frame enables the container to fit securely under any toilet seat. The container has a removable, support frame to allow for easier transport to the lab. The directions are printed on the lid of the container in both English and Spanish. This system may also be used for female urine collection.



Sterile Midstream Kits

The 5 oz. widemouth polypropylene sterile sample container has a leakproof Plastisol lined metal cap and is provided with a patient identification label and towelettes. Fully autoclavable.



Sterile Wide Mouth Specimen Containers

This convenient 5 oz. size allows for easy handling. A metal cap with Plastisol liner provides a leakproof seal.

Item Number	Approx. Capacity		Case Pack
COMMODOE SPECIMEN COLLECTION SYSTEM			
BMP-CN-894	22 oz.	700 cc	60
STERILE MIDSTREAM KITS			
BMP-UR-550	5 oz.	147.87 mL	100
STERILE WIDE MOUTH SPECIMEN CONTAINERS			
BMP-CN-890	5 oz.	147.87 mL	200

MULTIPURPOSE CONTAINERS

Translucent and White Multipurpose Containers

These high quality nongraduated containers are designed for the collection, transport, and storage of specimens and samples. Tight fitting lids prevent leaks and odors. Ideal for storing biologically hazardous samples for terminal autoclaving before disposal. Molded from either high-density polyethylene or polypropylene, these containers are inert to most chemicals including formaldehyde, weak acids, and all bases. The stackable containers are resistant to freezing and boiling and are easy to write on with either pen or pencil for positive identification.

Screw Top Multipurpose Containers

These high quality nongraduated containers are designed for the collection, transport, and storage of specimens and samples and available in either white or translucent versions. White tight fitting screw top lids have a three-ply polypropylene copolymer liner that forms a tight seal preventing leaks and odors. Molded from polypropylene, these containers offer excellent chemical resistance. The containers are autoclavable; before autoclaving remove lid and place at an angle on the top of the container, do not engage the threads.



Screw Top Containers



Translucent Multipurpose Containers

Item Number	Description	Product Dimensions		Case Pack
		inches	mm	
TRANSLUCENT MULTIPURPOSE CONTAINERS				
BMP-CN-800	Polypropylene 4 oz. 118 mL	2.90 x 2.40	73.66 x 60.96	300
BMP-CN-802	High density 8 oz. short Polyethylene 237 mL	3.75 x 2.25	95.25 x 57.15	100
BMP-CN-804	High density 8 oz. Polyethylene 237 mL	3.30 x 3.50	83.82 x 88.90	100
BMP-CN-806	High density 16 oz. Polyethylene 473 mL	3.75 x 4.25	95.25 x 107.95	100
BMP-CN-808	Polypropylene 32 oz. 946 mL	4.50 x 5.25	114.30 x 133.35	100
BMP-CN-810	High density 64 oz. Polyethylene 1.9 L	5.75 x 6.00	146.05 x 152.40	50
BMP-CN-812	High density 86 oz. Polyethylene 2.5 L	5.80 x 7.50	147.32 x 190.50	25
BMP-CN-814	High density 172 oz. Polyethylene 5.1 L	8.75 x 7.00	222.25 x 177.80	10
WHITE MULTIPURPOSE CONTAINERS				
BMP-CN-850	High density 8 oz. short Polyethylene 237 mL	3.75 x 2.25	95.25 x 57.15	100
BMP-CN-852	High density 8 oz. Polyethylene 237 mL	3.30 x 3.50	83.82 x 88.90	100
BMP-CN-854	High density 16 oz. Polyethylene 473 mL	3.75 x 4.25	95.25 x 107.95	100
BMP-CN-856	Polypropylene 32 oz. 946 mL	4.50 x 5.25	114.30 x 133.35	100
BMP-CN-858	High density 64 oz. Polyethylene 1.9 L	5.75 x 6.00	146.05 x 152.40	50
BMP-CN-860	High density 86 oz. Polyethylene 2.5 L	5.80 x 7.50	147.32 x 190.50	25
BMP-CN-862	High density 172 oz. Polyethylene 5.1 L	8.75 x 7.00	222.25 x 177.80	10
SCREW TOP MULTIPURPOSE CONTAINERS				
BMP-CN-900	8 oz./237 mL Translucent Container w/screw top lid			25
BMP-CN-902	8 oz./237 mL White Container w/screw top lid			25
BMP-CN-904	16 oz./473 mL Translucent Container w/screw top lid			25
BMP-CN-906	16 oz./473 mL White Container w/screw top lid			25
BMP-CN-908	32 oz./946 mL Translucent Container w/screw top lid			25
BMP-CN-910	32 oz./946 mL White Container w/screw top lid			25

CENTRIFUGE WARE



Centrifuge Bottles

Centrifuge Bottles

- n Available with standard caps for low-speed work and sealing caps for high-speed applications—sealing caps have a built-in gripper to facilitate removal from the rotor
- n Extra thick walls for durability-resistant to most chemicals
- n Wide mouth design makes filling and decanting easier

These precision molded centrifuge bottles are available in polycarbonate or polypropylene. For low speed applications the bottles provide excellent value for large volume/large batch centrifugation procedures. Bottles with standard caps provide reliable performance up to 8250 xg (7400 xg for the 1 L size) in swinging bucket and fixed angle rotors. For high-speed work, the easy-to-use Noryl® sealing caps with silicone O-rings enable leak-free processing at high centrifugal forces over long durations. Bottles must be filled to 80% of capacity.

Centrifuge bottles may be autoclaved at 121°C at 15 psi for 20 minutes. Caps should be placed on the bottles without engaging the threads. Bottles are qualified to the rated g-forces using Sorvall® and Fiberlight® high-speed rotors, tested at 20°C, with bottles filled to 80% of capacity.

Item Number	Description	Dimensions inches mm	Closure Type	Max. w/Seal Cap	Max. w/Screw Cap	Pack RCF (g)	Case RCF (g)
CENTRIFUGE BOTTLES							
BMP-CE-900	250 mL capacity, PP, Centrifuge Bottle	2.32 x 5.01	59 x 129	Screw	—	8,250	4 9pk
BMP-CE-902	250 mL capacity, PP, Centrifuge Bottle	2.32 x 5.01	59 x 129	Seal	27,500	—	4 9pk
BMP-CE-904	250 mL capacity, PC, Centrifuge Bottle	2.32 x 5.01	59 x 129	Screw	—	8,250	4 9pk
BMP-CE-906	250 mL capacity, PC, Centrifuge Bottle	2.32 x 5.01	59 x 129	Seal	31,700	—	4 9pk
BMP-CE-908	500 mL capacity, PP, Centrifuge Bottle	2.68 x 6.61	68 x 168	Screw	—	8,250	4 6pk
BMP-CE-910	500 mL capacity, PP, Centrifuge Bottle	2.68 x 6.61	68 x 168	Seal	13,500	—	4 6pk
BMP-CE-912	500 mL capacity, PC, Centrifuge Bottle	2.68 x 6.61	68 x 168	Screw	—	8,250	4 6pk
BMP-CE-914	500 mL capacity, PC, Centrifuge Bottle	2.68 x 6.61	68 x 168	Seal	13,850	—	4 6pk
BMP-CE-916	1000 mL capacity, PP, Centrifuge Bottle	3.7 x 6.53	94 x 166	Screw	—	7,400	4 4pk

Failure to use the correct rotor cushion or adapter will shorten the life of the bottle and may prevent achievement of the maximum rated RCF and/or bottle failure.

Prolonged autoclaving and reuse may cause stress cracks, crazing or bottle discoloration.



Centrifuge Tubes



50 mL Funnel & Stand

50 mL Conical Bottom Centrifuge Tubes

Our 50 mL polypropylene centrifuge tubes with molded-in graduations, from 2.5 mL to 50 mL, are ideal for general laboratory use. White plug seal screw caps provide a leaktight seal for use up to 1800 xg.

Tube Stand and Funnel

PP Tube Stand for 50 mL conical or round bottom tubes allows the technician to work hands free.

The PP Tube funnel for use with 50 mL centrifuge tubes allows the technician to easily transfer samples into a tube while keeping the tube top and thread area clean from any sample contamination.

Item Number	Description	Closure Type	Max. RCF (g) w/Screw Cap	Pack per Case
CONICAL BOTTOM CENTRIFUGE TUBES				
BMP-CE-938	50 mL Polypropylene Bulk	Plug	1,800	250 (tubes & caps)
BMP-CE-940	50 mL Tube Stand	—	—	25/box
BMP-CE-942	50 mL Tube Funnel	—	—	25/box

TISSUE GRINDERS

15 mL Conical Tissue Grinder 35 mL Free-Standing Tissue Grinder 50 mL Conical Tissue Grinder

This Tissue Grinding System was designed with safety and ease of use in mind. The patented closed system has the ability to grind the specimen in a sealed container helping to prevent any risk of contact with the sample. The narrow pestle is designed to eliminate the problem of sample overflow that is common with competitive products. The molded-in abrasive surface does not leave any sediment to obstruct the sample during examination. This system comes fully assembled and Gamma sterilized. An extra cap and patient identification label are provided for storage, transport, and added safety. The unique cap design prevents the unit from rolling when placed on the bench.

The 35 mL grinder is designed to be free-standing to allow for easier handling.



15 mL Conical Tissue Grinder



35 mL Free-Standing Tissue Grinder



50 mL Conical Tissue Grinder

Item Number	Description	Case Pack
TISSUE GRINDER		
BMP-TG-700	15 mL Conical	10
BMP-TG-702	35 mL Free Standing	10
BMP-TG-704	50 mL Conical	10

FUNNELS



Funnels

Disposable Long Stem Funnels

Our funnels are made with a chemical resistant, nonstick, nonstaining polypropylene surface that won't stress-crack. Autoclavable at 121°C (248°F). Cone and stem have four ribs for extra rigidity during and after autoclaving. Inside of funnel is sloped at 60° angle and stem has a circular pattern of ribs for easy filtration. Equipped with a tab for sample identification.

Disposable Short Stem Funnels

Clear, tough molded polypropylene funnel withstands acids, alkalis, and organic solvents. Nonwetting surface drains completely. Inside surface is ribbed and slopes 60° for easy filtration. Outside ribbing prevents air lock. Equipped with a tab for sample identification. Autoclavable to 121°C (248°F). Uses standard filter paper.

Heavy Duty Funnels

Durable polypropylene construction with external ridge and ribbing to prevent vapor lock. Autoclavable to 121°C (248°F). Ideal for continuous lab work and heavy-duty jobs.

Powder Funnels

Parallel stem minimizes bridging of powder; external ribbing prevents air locks. Durable polypropylene. Autoclavable to 121°C (248°F).

Item Number	Description	Stem Length	Funnel Height Overall	Case Pack
FUNNELS				
BMP-FN-65	65 mm Long Stem Disposable Funnel	44 mm/1.73"	90 mm/3.54"	100
BMP-FN-102	102 mm Long Stem Disposable Funnel	70 mm/2.76"	146 mm/5.75"	30
BMP-FN-125	125 mm Long Stem Disposable Funnel	84 mm/3.31"	177 mm/6.97"	20
BMP-FN-158	158 mm Long Stem Disposable Funnel	99 mm/3.90"	208 mm/8.19"	10
BMP-FN-55	55 mm Short Stem Disposable Funnel	25 mm/0.98"	65 mm/2.56"	100
BMP-FN-65SS	65 mm Short Stem Disposable Funnel	35 mm/1.38"	90 mm/3.54"	100
BMP-FN-100	100 mm Short Stem Disposable Funnel	45 mm/1.77"	115 mm/4.53"	100
BMP-FN-HD	40 mL Heavy Duty Utility Funnel	14.5 mm/0.57"	67 mm/2.63"	72
BMP-FNPD-50	50 mL Powder Funnel	20 mm/0.79"	66 mm/2.60"	36
BMP-FNPD-100	100 mL Powder Funnel	30 mm/1.18"	84 mm/3.31"	36
BMP-FNPD-225	225 mL Powder Funnel	35 mm/1.38"	103 mm/4.06"	24
BMP-FNPD-750	750 mL Powder Funnel	41 mm/1.61"	134 mm/5.28"	24

SCOOPS and SPOONS

Nonsterile Polypropylene Reusable Scoops

Excellent scoops for powdered or granular materials. Sturdy construction with improved weight distribution. Steam autoclavable at 121°C (248°F).

Disposable Polystyrene Sterile Scoops ± 2% Accuracy

Designed to save time in quality assurance and microbiology labs that require repetitive contamination-free samples: cosmetic, food, pharmaceutical, and environmental are just a few applications. Each high impact scoop is individually sealed inside its own plastic bag and Gamma sterilized. Flat base and unique handle design keeps the scoop upright on the bench.

Disposable Sterile Spoons

Extra long handles for easy sample collection and reduced chance of contamination. Use for small amounts of dry or slurry samples. Each high impact polystyrene spoon is individually sealed inside its own plastic bag and Gamma sterilized. Flat base and unique handle design keeps the spoon upright on the bench.

Disposable Sterile Spatula

Perfect for any powdered or caked materials. Heavy-duty edge breaks up hard-packed materials. One-piece construction is designed to hold twice the material as conventional reusable spatulas. Each high impact polystyrene spatula is individually sealed inside its own plastic bag and Gamma sterilized.



Scoops



Spoons, Knife and Spatula

Item Number	Approx. Capacity		Length		Case Pack
			inches	cm	
TRANSLUCENT NONSTERILE POLYPROPYLENE REUSABLE SCOOPS					
BMP-SC-300	2.54 oz.	75 mL	7.5	19.05	12
BMP-SC-302	3.38 oz.	100 mL	7.5	19.05	12
BMP-SC-304	6.76 oz.	200 mL	8.0	20.32	12
BMP-SC-306	37.20 oz.	1100 mL	12.0	30.48	6
WHITE DISPOSABLE POLYSTYRENE STERILE SCOOPS					
BMP-SC-308	2 oz.	59.15 mL	7.5	19.05	100
BMP-SC-310	4 oz.	118.29 mL	7.5	19.05	100
BMP-SC-312	8 oz.	236.59 mL	8.0	20.32	100
WHITE DISPOSABLE STERILE SPOONS					
BMP-SO-400	.25 Tsp	1.23 mL	7	17.78	200
BMP-SO-402	.50 Tsp	2.46 mL	7	17.78	200
BMP-SO-404	1.0 Tsp	4.93 mL	7	17.78	200
BMP-SO-406	1.0 Tbsp	14.79 mL	7	17.78	200
WHITE DISPOSABLE STERILE SPATULA					
BMP-MS-1200	—	—	9	22.86	100
WHITE DISPOSABLE STERILE KNIFE					
BMP-MS-1202	—	—	7.125	18.10	200