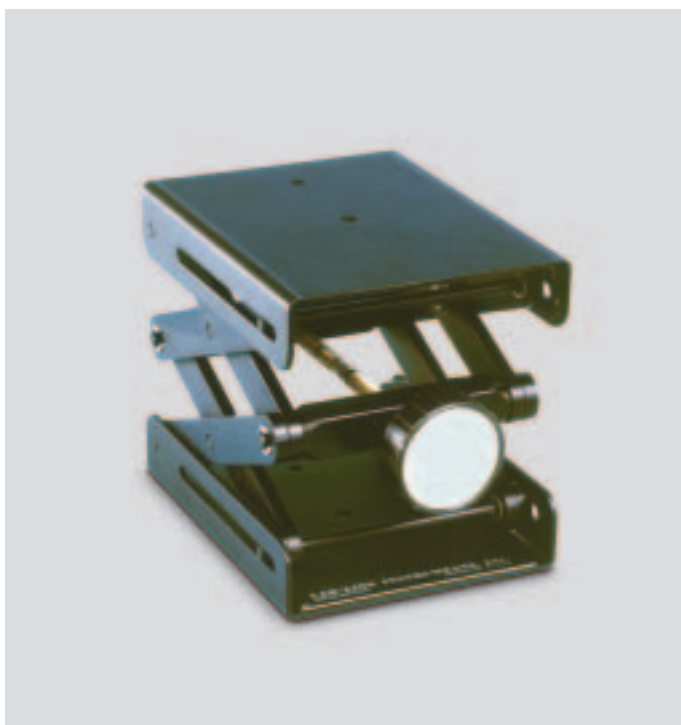




Laboratory Jacks



Model 25

When Lab Equipment Needs A Lift!

- Stable in all positions
- Available in three sizes
- Sturdy, corrosion-resistant anodized aluminum construction
- ★ 24 Month Warranty

Multi-Jacks®

- Provides easy raising and lowering of many different types of instruments or apparatus, such as heaters, hot plates, water baths or glassware.
- Accurate, slippage-free vertical adjustment.
- Stable in all positions.
- Stepless screw-type control smoothly raises or lowers loading platform.
- Supports various types and sizes of glassware, apparatus and instrumentation at specific heights as required to accommodate experimental set-ups.

ORDERING INFORMATION

Model #	Size of Plate Inches (cm)		Adjustable From-To Inches (cm)	Max.Load At Middle Lb. (kg)	Shipping Weight Lb. (kg)	US List Price
	W	L				
24	4.7 (12)	5.5 (14)	2.4 (6) to 9.6 (24.3)	110 (50)	1.86 (0.85)	\$185.00
25	4.8 (12.2)	5.9 (15)	3.1 (8) to 10.8 (27.8)	176 (80)	2.60 (1.18)	\$251.00
26*	7.9 (20.0)	7.9 (20)	3.1 (8) to 10.9 (27.8)	176 (80)	4 (1.82)	\$344.00

*Includes two (7.9" x 7.9") platforms

Saf-T-Shield



Model 80

Accident Prevention!

- Impact resistant shield protects lab workers
- Weighted base prevents tip over
- For potentially dangerous chemical reactions

Saf-T-Shield

- 0.2" (.5 cm) thick Lexan® shield provides clear visibility and protection.
- Helps protect lab workers or students from the initial force of an explosion, sheet of flame, flying glass or chemical spill.
- Shield is 36" (91.4 cm) high, adjusts from 14" to 32" (35.6 to 81.2 cm) wide.
- Can fully enclose most lab set-ups such as boiling flasks, distillation or reflux apparatus—use anywhere there's a risk of a reaction getting out of hand.

ORDERING INFORMATION

Model #	Dimensions Fully Extended Inches (cm)		Shipping Weight Lb. (kg)
	W	H	
80	32(81.3)	36(91.4)	37(16.8)

Lexan® is a registered trademark of GE Plastics.



Samplers



Model 4197

Accurate Sampling!

- Two sizes
- Autoclavable
- Polypropylene construction
- ★ 24 Month Warranty

Polypro Water Sampler

- Two sizes—filling capacity of 1400 ml or 2000 ml.
- Designed for water sampling and B.O.D. testing applications.
- Polypropylene construction allows accurate sampling for trace metals.
- Polypropylene inlet and outlet opening plugs connected with adjustable nylon cord.
- All metal parts are plated or stainless steel.
- Built-in weighted base provides stability when unit is submerged.
- Bayonet fitting and foam ring hold top on securely.
- Reliable gravity-activated “spring catch” opening system.

Applications

- Water testing
- B.O.D.
- Trace metal sampling



Model 4199

- Design accommodates ordinary variation between different sample bottles.
- Designed in accordance with A.P.H.A. Standard Methods for the examinations of water and waste water, and a variety of EPA applications.

Applications

- B.O.D.
- Turbidity
- Sludge
- Dissolved oxygen

ORDERING INFORMATION

Model #	Capacity (ml)	Overall Size Inches (cm)	Construction	Shipping Weight Lb. (kg)
4197	1400	14 (35.6) H x 4.5 (11.9) D	Polypropylene	9.5 (4.3)
4198	2000	18 (45.7) H x 4.5 (11.9) D	Polypropylene	11.5 (5.2)

Rugged Design!

- Corrosive-resistant, nickel plated bronze and brass construction
- Air-tight, water-tight closure
- Accommodates 250 ml or 300 ml BOD bottles
- ★ 24 Month Warranty

Sewage Sampler

- Nickel-plated bronze and brass construction is resistant to corrosive agents.
- Cover and body are precisely machined to provide air-tight, water-tight closure.
- Ratio of volume between the sampler and bottle complies with three-fold displacement requirement.
- Cover is connected to the body by a 10" (25 cm) nickel-plated brass chain.
- Sample bottle (up to 300 ml) is automatically positioned by built-in platform and filling tube.

ORDERING INFORMATION

Model #	Capacity (ml)	Overall Dimensions Inches (cm)		Shipping Weight Lb. (kg)
		H	D	
4199	250/300	17 (43.2)	4 (10.2)	15 (6.8)

Set-Up Frame Sets



Small Frame Set



Frame with Hot Plate

Strong and Versatile Support System

- Buy a complete frame set, or purchasing individual rods and hook connector to customize your set up.
- All rods are made of durable aluminum with nickel plated zinc castings.
- 1/2" diameter rods are available in a variety of lengths.
- Especially useful for glassware and apparatus assemblies in organic chemistry laboratories.

SAVE WHEN YOU BUY COMPLETE FRAME SYSTEMS

Save \$129 when you buy a small complete frame system and \$187 when you buy a large frame system.

***Price compared to sum total of individual components**

Set-Up Frame Sets



90° Connector



Frame Foot

ORDERING INFORMATION

Model #	Description	Dimensions inches (cm)	Includes
Complete Frame Systems			
7090AQ	Small Frame Set	24" (61) H x 24" (61) L	(8) 2" rods, (2) 18" rods, (8) 24" rods, (22) rod end connectors, (4) Frame foot
7096AQ	Large Frame Set	72" (183) H x 48" (122) L	(6) 2" rods, (12) 12" rods, (2) 24" rods, (7) 48" rods, (5) 72" rods, (49) rod end connectors, (8) Frame foot

ACCESSORIES

Model #	Description	Length inches (cm)
Individual Rods and Connectors		
7100-9AQ	1/2" Rod	2" (5.1)
7100-2AQ	1/2" Rod	12" (30.5)
7100-3AQ	1/2" Rod	18" (45.7)
7100-4AQ	1/2" Rod	24" (61.0)
7100-12AQ	1/2" Rod	30" (76.2)
7100-6AQ	1/2" Rod	48" (122.0)
7100-7AQ	1/2" Rod	72" (183.0)
7100-8AQ	1/2" Rod	96" (243.8)
7054AQ	Hook connector	
7051AQ	Frame Foot	

General Purpose Clamps



Right Angle Clamp



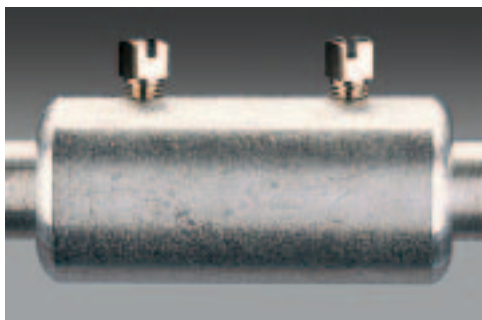
90° Connector for Rod Ends



Swivel Clamp



Hook Connector



End to End Connector

NEW Barnstead/Lab-Line General Purpose Clamps *Attach support rods in a variety of configurations.*

Right Angle Clamps

- Attaches rods at right angles up to 3/4" diameter.
- Adjust using two 45° angle thumb screws.
- Die Cast nickel-plated zinc alloy.

90° Connector for Rod Ends

- Connects 1/2" rods at 90° angle end to end.
- Adjust by tightening square head screws with a wrench or screwdrivers.
- Die Cast nickel-plated zinc alloy.

Swivel Clamp

- Rotates 360° to connect 1/2" rods at any relative angle.
- Adjust using two thumbscrews.
- Die Cast nickel-plated zinc alloy.

Hook Connector

- Attaches 1/2" rods at 90° angles.
- Adjust using a single thumb screw.
- Die Cast nickel-plated zinc alloy.

End-to-End Rod Connector

- Connects two 1/2" rods end to end.
- Tighten with two set screws.
- Constructed from corrosion resistant aluminum alloy.

**Clamps on this page are compatible with
the rods and frame sets on page 197**

ORDERING INFORMATION

Model #	Description
7040AQ	Right angle clamp
7050-1AQ	90° Connector for rod ends
7064AQ	Swivel clamp
7054AQ	Hook connector
7053AQ	End-to-End rod connector

Special Purpose Clamps

NEW Barnstead|Lab-Line Special Purpose Clamps

Chain Clamps

- Hold beakers and bottles from 3-6" OD.
- Movable slide and non-slip knob hold object firmly in place.

Thermometer Clamps for water bath

- Securely attaches to water bath walls between 1/8" to 3/16".
- Holds thermometers between 3/16" and 3/8" diameter.
- Use thumbscrew to attach to the water bath.
- Use wingnut to hold the thermometer 3-1/2" from bath.

Tri-Grip Clamps for water baths

- Securely attaches to water bath walls between 1/8" and 3/16".
- Jaw capacity 1" diameter controlled by two independent thumbscrews.
- Includes vinyl sleeves.

Double Burette Holder

- Holds two burettes up to 100ml size.
- Arm is 6" long and 1/2" diameter.
- Holder does not obscure graduation lines and numbers.
- Easily attached to support rod.

Double Burette Holder with stand

- Include the double burette holder 7086AQ with the 7057AQ stand (see page 200).

Thermometer Clamp for support rods

- Attaches to 1/2" support rod with thumb screw.
- Holds thermometers 1/4" to 1/2" diameter.
- Thermometer is held 3-7/8" from support rod.

ORDERING INFORMATION

Model #	Description
7049AQ	Chain Clamp
7079AQ	Thermometer Clamps for water baths
7078AQ	Tri-Grip Clamps for water baths
7086AQ	Double Burette Holder
7058AQ	Double Burette Holder with stand
7077AQ	Thermometer Clamps for support rods



Chain Clamps



Tri-Grip Clamps for water baths



Double Burette Holder



Thermometer Clamp for support rods

Clamps



Tri-Grip Clamp

NEW Barnstead Tri-Grip Clamps

- Two thumb screw adjustment provides a precise grip.
- Optional clamp holders attach the tri-grip to the stand.
- Variable distance of the clamp from the stand.
- Both fiberglass and vinyl sleeves are included.

ORDERING INFORMATION

Model #	Description	Maximum Grip Size	Extension Arm Length	Extension Arm OD	Overall Length (Tri-Grip Clamp Only)
Tri-Grip Clamps					
7018AQ	Tri-Grip Clamp Micro	1" (25mm)	4-1/4" (11cm)	5/16" (0.8mm)	6-1/2" (17cm)
7022AQ	Tri-Grip Clamp Micro with holder	1" (25mm)	4-1/4" (11cm)	5/16" (0.8mm)	6-1/2" (17cm)
7000AQ	Tri-Grip Clamp Small	2-1/4" (57mm)	5-1/8" (13cm)	7/16" (1.1cm)	8.75" (22cm)
7010LLAQ	Tri-Grip Clamp Small with holder	2-1/4" (57mm)	5-1/8" (13cm)	7/16" (1.1cm)	8.75" (22cm)
7004AQ	Tri-Grip Clamp Large	3-1/2" (89mm)	6" (15cm)	1/2" (1.3mm)	10-1/2" (27cm)
7014AQ	Tri-Grip Clamp Large with holder	3-1/2" (89mm)	6" (15cm)	1/2" (1.3mm)	10-1/2" (27cm)



Ring Clamp

NEW Barnstead | Lab-Line Ring Clamps

- Sturdy design includes integrated set screw clamp.
- Cast iron construction for added durability.
- Large 5/8" set screw locks tightly to support stands.
- Perfect choice for cylindrical glassware.

ORDERING INFORMATION

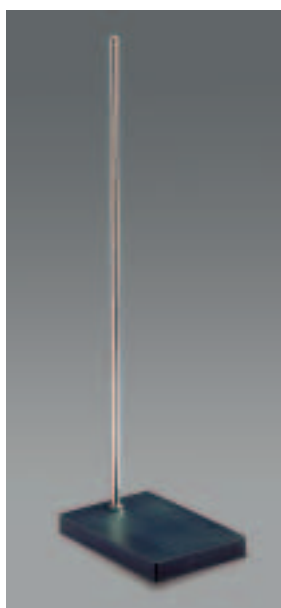
Model #	OD inches (cm)	ID inches (cm)
Ring Clamps		
7048-1AQ	2" (5.1)	1-7/16" (3.6)
7048-2AQ	3" (7.6)	2-3/8" (6.0)
7048-3AQ	4" (10.0)	3-5/16" (8.4)
7048-4AQ	5" (13.0)	4-1/4" (11.0)
7048-5AQ	6" (15.0)	5-1/4" (13.0)

NEW Barnstead | Lab-Line Stand

- Large 1/2" x 11" base for outstanding stability.
- Base is constructed from a solid Epoxy resin-excellent chemical compatibility.

ORDERING INFORMATION

Model #	Rod Length	Rod Diameter
Stand with Rod		
7057AQ	36" (91 cm)	1/2" (13mm)



Stand with Rod