

# 3-Spinner Flasks



## Section 3 – Spinner Flasks & Accessories

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### BioProbe™ Spinner Flasks

- Ideal for small working volumes with pH and DO probes
- 32mm low sidearms for probe insertion
- 32mm compression fitting, probes & port assemblies sold separately

Stock No.	Description	Center Cap	OAH x OD
1965-97050	500mL Flask Only, 110 x 175mm	100mm	110 x 175
1965-97100	1L Flask Only, 135 x 240mm	100mm	135 x 240
1965-97300	3L Flask Only, 165 x 290mm	100mm	165 x 290

- 1965-60005 500mL Impeller Only
- 1965-60010 1L Impeller Only
- 1965-60030 3L Impeller Only

- 1965-97005 500mL Flask Complete
- 1965-97001 1L Flask Complete
- 1965-97003 3L Flask Complete

- 1965-97010 32mm Compression Fitting

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### Bell-Flo™ Spinner Flasks

- Bottom indents & three vertical baffles for optimal mixing
- 32mm or 45mm sidearms for port assemblies
- Rugged stainless steel/ PTFE internal bearing assemblies

Stock No.	Description	Center Cap	Sidearm Cap	OAH x OD (mm)
1965-80100	Flask Only, 100mL	70mm	32mm	135 x 65
1965-80250	Flask Only, 250mL	70mm	32mm	140 x 85
1965-80570	Flask Only, 500mL	70mm	32mm	175 x 110
1965-80510	Flask Only, 500mL	100mm	45mm	170 x 110
1965-81000	Flask Only, 1000mL	100mm	45mm	240 x 135
1965-83000	Flask Only, 3000mL	100mm	45mm	290 x 165
1965-80101	Impeller Assy, 100mL	70mm	32mm	130 x 65
1965-80251	Impeller Assy, 250mL	70mm	32mm	130 x 65
1965-80571	Impeller Assy, 500mL	70mm	32mm	165 x 65
1965-80511	Impeller Assy, 500mL	100mm	45mm	165 x 95
1965-81001	Impeller Assy, 1000mL	100mm	45mm	220 x 95
1965-83001	Impeller Assy, 3000mL	100mm	45mm	270 x 95
1965-80105	Complete, 100mL	70mm	32mm	150 x 65
1965-80255	Complete, 250mL	70mm	32mm	150 x 85
1965-80575	Complete, 500mL	70mm	32mm	187 x 110
1965-80515	Complete, 500mL	100mm	45mm	187 x 110
1965-81005	Complete, 1000mL	100mm	45mm	245 x 135
1965-83005	Complete, 3000mL	100mm	45mm	295 x 165



### Glass Ball Spinner Flasks

- Specially formed bottom indent prevents accumulation under impeller
- Glass ball houses a magnet for gentle agitation of microcarrier beads



Stock No.	Description	Center Cap (mm)	Sidearm Cap (mm)	OAH x OD (mm)
1965-92001	100mL Complete	70	32	135 x 65
1965-92002	250mL Complete	70	32	140 x 85
1965-92005	500mL Complete	100	45	180 x 110
1965-92010	1L Complete	100	45	250 x 135
1965-92030	3L Complete	100	45	280 x 165
1965-92060	6L Complete	100	45	410 x 204
1965-92080	8L Complete	100	45	430 x 237
1965-94010	100mL Flask Only	70	32	135 x 63
1965-94025	250mL Flask Only	70	32	125 x 85
1965-94050	500mL Flask Only	100	45	170 x 110
1965-94100	1L Flask Only	100	45	240 x 135
1965-94300	3L Flask Only	100	45	270 x 165
1965-94600	6L Flask Only	100	45	420 x 204
1965-94800	8L Flask Only	100	45	430 x 237
1965-95010	100mL Impeller Only			
1965-95025	250mL Impeller Only			
1965-95050	500mL Impeller Only			
1965-95100	1L Impeller Only			
1965-95300	3L Impeller Only			
1965-95600	6L/8L Impeller Only			

### 4-45™ Bioreactor Flasks

- 4 sidearms positioned 90° for increased capabilities
- Stainless steel capseal with compression fittings for probe/tube insertion
- Accepts all standard fittings & probes



Stirrer & accessories sold separately

Stock No.	Description
1965-01400	Bioreactor Complete, 1L
1965-11400	Flask Only, 1L
1965-60014	SST Capsel, 1L, 5 Port, with IOB
1965-03400	Bioreactor Complete, 3L
1965-13400	Flask Only, 3L
1965-60034	SST Capsel, 3L, 5 Port, with IOB
1965-45200	45mm Plug w/ Compression Fitting & Hose Barb

### MicroCarrier Spinner Flasks

- Promotes optimal growth of suspension and microcarrier culture
- Impeller height adjusts through compression fitting
- Indented bottom (up to 1L) prevents accumulation of microcarrier beads under impeller

Stock No.	Description	OD x OAH (mm)*	Cap (mm)	Sidearm (mm)
1965-00100	100mL Complete	65 x 135	70	32
1965-00250	250mL Complete	85 x 140	70	32
1965-00500	500mL Complete	110 x 180	70	45
1965-02500	500mL Complete	110 x 180	100	45
1965-01000	1L Complete	135 x 250	100	45
1965-03000	3L Complete	165 x 280	100	45
1965-06000	6L Complete	204 x 410	100	45
1965-08000	8L Complete	237 x 430	100	45
1965-15000	15L Complete	294 x 460	100	45
1965-36000	36L Complete	410 x 535	100	45

\* add 2-3" for glass impeller extending through cap

### 1965 MicroCarrier Spinner Replacement Parts

For Stock No.	Flask Only*	Impeller Assembly**	Glass Shaft	Cap Assembly#
1965-00100	1965-10100	1965-30100	1969-70250	1965-90070
1965-00250	1965-10250	1965-30100	1969-70250	1965-90070
1965-00500	1965-10500	1965-30500	1969-70500	1965-90070
1965-02500	1965-20500	1965-30500	1969-70500	1965-90100
1965-01000	1965-11000	1965-31000	1969-71000	1965-90100
1965-03000	1965-13000	1965-31000	1969-73000	1965-90100
1965-06000	1965-16000	1965-38000	1965-78000	1965-99100
1965-08000	1965-18000	1965-38000	1965-78000	1965-99100
1965-15000	1965-11500	1965-31500	1965-71500	1965-99100
1965-36000	1965-13600	1965-31500	1965-71500	1965-99100

\*Flask, sidearm caps, and (for 500 ml and larger) pouring rings.

\*\*Impeller Assembly consists of impeller magnet, magnet holder, paddle and silicone plug.

#Cap Assembly consists of screw cap, liner and compression fitting.

SST Impeller Assemblies, see page F-8

### Accessories

A523-233	Replacement Shaft O-Ring for up to 3L
A523-234	Replacement Shaft O-Ring for 6 - 36L
A523-204	7mm compression fitting for up to 3L
A523-218	9mm compression fitting for 6 - 36L
A523-203	70mm Cap, Blue PP w/hole
A523-205	70mm Liner, Wht Silicone w/hole
A12-418	70mm Solid Cap, Blue PP
A12-419	70mm Solid Liner, Wht Silicone
A523-208	100mm Cap, Blue PP w/hole
A523-209	100mm Liner, Wht Silicone w/hole
A12-146	100mm Solid Cap, Blue PP
A12-412	100mm Solid Liner, Wht Silicone



### Spinner Flask with Internal Overhead Bearing Impeller

- Internal impeller decreases risk of contamination
- Adjustable shaft to align paddle
- Large paddle promotes increased oxygenation



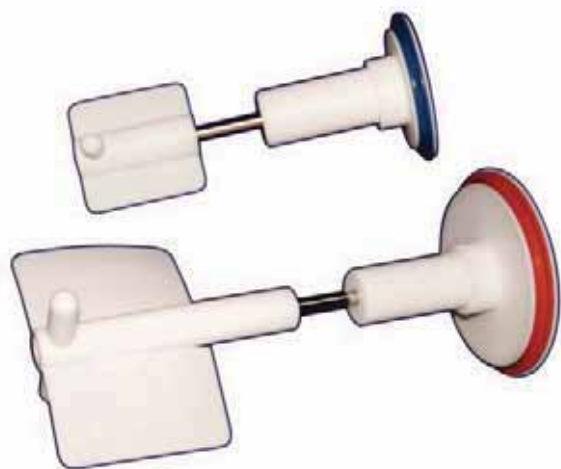
Stock No.	Description	OD x OAH (mm)	Center Cap (mm)	Sidarm Cap (mm)
1965-61001	100mL Complete	65 x 135	70	32
1965-61002	250mL Complete	85 x 140	70	32
1965-61005	500mL Complete	110 x 180	70	45
1965-61015	500mL Complete	110 x 180	100	45
1965-61010	1L Complete	135 x 250	100	45
1965-61030	3L Complete	165 x 280	100	45
1965-61060	6L Complete	204 x 410	100	45
1965-61080	8L Complete	237 x 430	100	45
1965-61150	15L Complete	294 x 460	100	45
1965-61360	36L Complete	410 x 535	100	45

#### Water Jacketed Spinner Flasks

1965-62001	100mL W/J Flask/IOB		70	18
1965-62002	250mL W/J Flask/IOB		70	24
1965-62005	500mL W/J Flask/IOB		70	38
1965-62010	1L W/J Flask/IOB		100	45
1965-62030	3L W/J Flask/IOB		100	45
1965-62060	6L W/J Flask/IOB		100	45

### Internal Overhead Bearing Impeller, with Cap

- Stainless steel shaft design prevents cell damage and minimizes magnetic decoupling
- Sealed internal assembly requires less incubator space
- For use with Bellco 1965-series Standard and Water Jacketed Spinner Flasks



Stock No.	Paddle L x W (in)	Flask (mm)	Cap (mm)
1965-60001	2 x 1.5	100 & 250	70
1965-60015	2 x 2	500	70
1965-60005	2 x 2	500	100
1965-60010	4 x 3	1000	100
1965-60030	4 x 3	3000	100
1965-60060	6.75 x 5	6000	100
1965-60080	6.75 x 5	8000	100
1965-60150	9.5 x 6	15000	100
1965-60360	9.5 x 6	36000	100
A12-418	70mm Cap		
A523-146	100mm Cap		

### Water Jacketed Spinner Flasks

- For use with a circulating water bath or chiller and magnetic stir plate
- Hose connection accepts 3/8" ID silicone tubing (Bellco #M7965037)
- Available complete with MicroCarrier impeller assembly or as components

Stock No.	Description	Jacket Volume (mL)	Cap	Sidearm Cap (mm)
1965-50050	50mL Complete	40	51	18
1965-50100	100mL Complete	75	70	18
1965-50250	250mL Complete	175	70	25
1965-50500	500mL Complete	260	70	38
1965-51000	1L Complete	875	100	45
1965-53000	3L Complete	1300	100	45
1965-56000	6L Complete	3700	100	45
1965-50051	Flask Only, 50mL	40	51	18
1965-50101	Flask Only, 100mL	75	70	18
1965-50251	Flask Only, 250mL	175	70	25
1965-50501	Flask Only, 500mL	260	70	38
1965-51100	Flask Only, 1L	875	100	45
1965-53001	Flask Only, 3L	1300	100	45
1965-56001	Flask Only, 6L	3700	100	45

Water Jacket Volumes are approximate. Flasks not graduated.  
For Stainless Steel Shafts, see Stock Number 1969; page F-8  
Replacement Impeller assembly parts page F-5.



### Adjustable Hanging Bar Spinner Flask

- Adjustable spinner height
- Teflon® impeller assembly rides on glass bearing for friction free operation
- 25 & 50mL have black phenolic rubber-lined caps
- 100mL - 3000mL have PP caps, silicone gasket & pouring rings
- Flask has flat bottom (no dimple)



Stock No.	Size (mL)	Center (mm)	Sidearm (mm)	OD x OAH (mm)
1967-00025	25	38	18	38 x 120
1967-00050	50	51	18	55 x 110
1967-00100	100	70	32	69 x 110
1967-00250	250	70	32	85 x 145
1967-00500	500	100	45	110 x 185
1967-01000	1000	100	45	135 x 240
1967-03000	3000	100	45	165 x 290

### Adjustable Hanging Bar Style Replacement Parts

Stock No.	Reservoir Only*	Impeller Assembly**	Impeller Shaft^	Cap Assembly#
1967-00025	1967-10025	1967-30025	1969-70100	1967-90038
1967-00050	1967-10050	1967-30050	1969-70100	1967-90051
1967-00100	1967-10100	1969-30050	1969-70250	1965-90070
1967-00250	1967-10250	1969-30050	1969-70250	1965-90070
1967-00500	1967-10500	1969-30050	1969-70500	1965-90100
1967-01000	1967-11000	1969-31000	1969-71000	1965-90100
1967-03000	1965-13000	1969-31000	1969-73000	1965-90100

\*Reservoir consists of flask and sidearm caps.

\*\*Impeller Assembly consists of impeller magnet and magnet holder.

^Impeller Shaft consists of glass rod. (Add 2-3" to extend through cap)

#Cap Assembly consists of screw cap, liner and stopper (25 & 50mL) or compression fitting.

**IMPELLER ASSEMBLIES**



**Impeller Assembly for 1965-Style MicroCarrier Spinner Flasks**

Stock No.	Flask	Paddle Dim. (in.)
1965-30100	100/250mL	1 x 2
1965-30500	500mL	1 x 3
1965-31000	1L	1¾ x 4¼
1965-38000	6L/8L	3 x 7¾
1965-31500	15L/36L	3 x 10

**Impeller Assembly for 1965-Style MicroCarrier Spinner Flasks**

Stock No.	Flask
1969-60100	100mL
1969-60250	250mL
1969-60500	500mL
1969-61000	1L
1969-63000	3L
1969-66000	6L/8L
1969-61500	15L/36L



- A523-939 ¼" Compression Fitting for ¼" SST shafts
- A523-407 O-ring #108 Silicone

**Glass Shaft Impeller Assembly for 1967-Style Hanging Bar Spinner Flasks**

Stock No.	Flask
1967-30025	25mL
1967-30050	50 mL
1969-30050	100mL/250mL
1969-31000	1L/3L



**Port Assemblies, Stainless Steel**

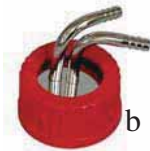
- Seam welded with electropolished finish
- 2-port with siphon and vent tubes
- 3-port with siphon, fill and vent tubes
- Includes 45mm PP cap and silicone gasket



**Universal Port Assemblies for Sidearm Vessels**

Stock No.	Description
5637-21000 (a)	2-Port, Straight Tubes, 32mm
5637-51000	2-Port 32mm*
5637-52000	2-Port 32mm, Small ID
7803-12000 (b)	2-Port w/Angled Hose Barbs ¼" OD, 45mm

\*Use with BioProbe Spinner Flask



Stock No.	Description	Flask Size	Longest Tube Length*
1965-20005*	2 port	500mL	1½"
1965-21005**	2 port	500mL	2½"
1965-20001	2 port	1L	2½"
1965-20003	2 port	3L	5"
1965-20015	2 port	6, 8, 15L	9¾"
1965-20036	2 port	36L	11"
1965-30005*	3 port	500mL	1½"
1965-31005**	3 port	500mL	2½"
1965-30001	3 port	1L	2½"
1965-30003	3 port	3L	5"
1965-30015	3 port	6,8,15L	9¾"
1965-30016	3 port	36L	11"
A523-599	Cap		
A523-600	Gasket		

\* 500mL with 100mm cap \*\*500mL with 70mm cap



**Thermowell Assemblies for 1965 and 1967-Style Angled Sidearm Flasks, 3-Port**

- 5/16" OD thermowell tube, 1/4" siphon and vent tubes
- Includes 45mm PP cap and silicone gasket
- Seam welded and electropolished

Stock No.	Flask	Longest Tube Length
1965-32001	1L	4"
1965-32003	3L	6"
1965-32006	6L	11"
1965-32008	8L	12"
1965-32015	15L	12 3/4"
1965-32036	36L	12 1/2"
A523-599	Cap	
A523-600	Gasket	



**Spargers for 1965-Style Angled Sidearm Flasks, 2-Port**

- 12mm OD coarse glass frit (40-60µ)
- Gently introduces bubbles into vessel
- 0.2um Acrodisc filter w/hose fitting
- Includes 45mm PP cap and white silicone gasket

Stock No.	Vessel	Longest Tube Length
1965-45003	3L	8"
1965-45006	6, 8 & 15L	13"
1965-45036	36L	14"
1964-12912	Acrodisc Filter, Pkg/8	
T1610	Glass Frit, Coarse Porosity	



Custom Designs Available  
by Quotation  
1-800-257-7043

### Flask Carriers for Sidearm Vessels

- Stainless steel construction
- Rubber feet for added stability

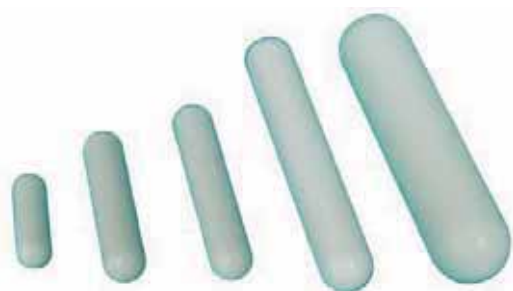


Stock No.	Flask/Carboy	OD x OAD (in)
7669-06000	6L/ 9L	9 x 8
7669-08000*	8L/ 13L	11 x 10
7669-15000	15L/ 19L	12 x 11
7669-36000	36L/ 45L	17 x 13

\*use for 3L and 6L Low Profile Vessels

### Magnetic Stirring Bars

- Excellent for mixing media and buffer solutions
- Ideal for procedures using all Bellco Magnetic Stirrers
- Molded, seamless Teflon® construction



Stock No.	Length x OD (mm)	Case Qty.
1975-00100	25.4 x 7.6	6
1975-00158	41.3 x 9.5	6
1975-00200	50.8 x 9.5	6
1975-00300	76.2 x 12.1	3
1975-00314	82.6 x 19	2

### Replacement Caps & Pouring Rings

Maximum Temperature: 140°C; Red 200°C



Stock No.	Description	Size	Case Qty.
5637-00032	Cap, Blue PP	32	10
5637-00045	Cap, Blue PP	45	10
5637-00047	Cap, Green PP	45	10
5637-00048	Cap, Yellow PP	45	10
5637-00049	Cap, Grey PP	45	10
5637-90032	Cap, Red PBT	32	10
5637-90045	Cap, Red PBT	45	10
5637-10032	Ring, Blue PP	32	10
5637-10045	Ring, Blue PP	45	10
5637-91032	Ring, Red ETFE	32	10
5637-91045	Ring, Red ETFE	45	10



### Polypropylene Caps, Open Top and PTFE/Silicone Septa

- 45mm cap has 33mm hole to accommodate 45mm septa or 45mm port assembly
- 32mm cap has 20mm hole to accommodate 32mm septa or 32mm port assembly
- Ideal for addition & withdrawal of contents via syringe

Stock No.	Description	Size	Case Qty.
5637-00035 (a)	Cap, Blue PP	32	10
5637-00038 (b)	Liner, 125 x 1.20"	32	10
5637-00010 (c)	Cap, Blue PP	45	10
5637-00015	Cap, Green PP	45	10
5637-00020	Cap, Yellow PP	45	10
5637-00025	Cap, Grey PP	45	10
5637-00030 (d)	Liner, 125 x 1.70"	45	10
1965-00032 (e)	Vented Cap	32	1
1965-00045 (f)	Vented Cap	45	1



### Heating Blankets, Valley Instrument

- Male IEC connector for use with temperature controllers
- Heating at 5Watts/sq. in.

115V Stock No.	230V Stock No.	Flask	Watts	Dimensions (in)
1964-51005	1964-54005	500mL	50	1 x 10.5
1964-51010	1964-54010	1L	75	1 x 14
1964-51030	1964-54030	3L	150	2 x 17.5
1964-51040†	~	3L/6L	190	2 x 26.5
1964-51060	1964-54060	6L	300	3 x 22
1964-51080	1964-54080	8L	375	3 x 26.5
1964-58260*	~	15L	325	5 x 33
1964-51150	1964-54150	15L	750	5 x 33
1964-58236*	~	36L	375	5 x 48
1964-58365^	~	36L	600	5 x 48
1964-51360	1964-54360	36L	1200	5 x 48

\*Low Wattage, ^Medium Wattage for CellTrol II, † Low Profile



### Heating Blankets, Bellco Biotechnology

- Male IEC connector for use with temperature controllers
- Heating at 5Watts/sq. in.

115V Stock No.	230V Stock No.	Flask	Watts	Dimensions (in)
1964-55005	1964-56005	500mL	50	1 x 10.5
1964-55010	1964-56010	1L	75	1 x 14
1964-55030	1964-56030	3L	150	2 x 17.5
1964-55060	1964-56060	6L	300	3 x 22
1964-55080	1964-56080	8L	375	3 x 26.5
1964-57150*	1964-58150*	15L	325	5 x 33
1964-55150	1964-56150	15L	750	5 x 33
1964-57360*	1964-58360*	36L	375	5 x 48
1964-57365^	1964-58365	36L	600	5 x 48
1964-55360	1964-56360	36L	1200	5 x 48

\*Low Wattage, ^Medium Wattage for CellTrol II

**CAUTION: Vessel must be stirred when heating blanket is in operation.**



**Bellco Insect Cell Culture Systems**



- 1965-70115 Digital Stirrer/MicroCarrier Spinner, 115V**
- 1965-70230 Digital Stirrer/MicroCarrier Spinner 230V†**

Stock No.	Description	Qty
7785-D2005	Digital 5-Place Magnetic Stirrer, 115V	1
1965-03000	3L MicroCarrier Spinner Flask Complete	4
1965-20003	2-Port Assembly	4
7803-33000	Gas Blending Stand: 1-in, 4-out, Air	1
7725-00120	Air Pump, 115V**	1
7800-10050	¼" Tubing, 50'	1

† 7785-D2015 replaces 7785-D2005

\*\* Air pump not available for 230V models.

- 1965-76115 Digital Stirrer/IOB Spinner, 115V**
- 1965-76230 Digital Stirrer/IOB Spinner, 230V†**

Stock No.	Description	Qty
7785-D2005	Digital 5-Place Magnetic Stirrer, 115V	1
1965-61030	3L IOB Spinner Flask Complete	4
1965-20003	2-Port Assembly	4
7803-33000	Gas Blending Stand: 1-in, 4-out, Air	1
7725-00120	Air Pump, 115V**	1
7800-10050	¼" Tubing, 50'	1

† 7785-D2015 replaces 7785-D2005

\*\* Air pump not available for 230V models.

- 1965-80115 Process Stirrer/Microcarrier Spinner, 115V**
- 1965-80230 Process Stirrer/Microcarrier Spinner, 230V†**

Stock No.	Description	Qty
7785-P2005	Process 5-Place Magnetic Stirrer, 115V	1
1965-03000	3L MicroCarrier Spinner Flask Complete	4
1965-20003	2-Port Assembly	4
7803-33000	Gas Blending Stand: 1-in, 4-out, Air	1
7725-00120	Air Pump, 115V**	1
7800-10050	¼" Tubing, 50'	1

† 7785-P2015 replaces 7785-P2005

\*\* Air pump not available for 230V models.

- 1965-86115 Process Stirrer/IOB Spinner, 115V**
- 1965-86230 Process Stirrer/IOB Spinner, 230V†**

Stock No.	Description	Qty
7785-P2005	Process 5-Place Magnetic Stirrer, 115V	1
1965-61030	3L IOB Spinner Flask Complete	4
1965-20003	2-Port Assembly	4
7803-33000	Gas Blending Stand: 1-in, 4-out, Air	1
7725-00120	Air Pump, 115V**	1
7800-10050	¼" Tubing, 50'	1

† 7785-P2015 replaces 7785-P2005

\*\* Air pump not available for 230V models.

**Accessories:**

Stock No.	Description	Qty
1964-12922	Acrodisc Filter, 0.2µ, Pk/8	1

**Bell-ennium™ Magnetic Stirrers**

Features	Digital Display	Process Controlled
Brushless Motor & Motor Controller	✓	✓
In Line Power Supply	✓	✓
Low Profile Aluminum Chassis	✓	✓
On/Off Rocker Switch	✓	✓
Stainless Steel Cover	✓	✓
Non-slip Timing Belts	✓	✓
Heavy Duty Magnetic Drive Plate	✓	✓
Digital RPM Display Panel	✓	✓
Process Controller w/ Digital Readout	~	✓
RS 485 Network Data Port/Motion Alarm Jack	~	✓

**Bell-ennium™ One Position Magnetic Stirrers**

Stock No.	Description
7785-D1108	One Position Digital Display, 100/115V
7785-D1208	One Position Digital Display, 230V
7785-P1108	One Position Process Controller, 100/115V
7785-P1208	One Position Process Controller, 230V
7785-D1136	One Position Digital Display, 100/115V
7785-D1236	One Position Digital Display, 230V
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



**Specifications**

Speed Range	15-500rpm
Dimensions	8L: 10 x 11 x 3½" (25 x 28 x 8.5cm)* 36L: 18 x 20 x 3½" (45 x 51 x 8.5cm)*
Weight	8L: 8 lbs (4.kg) 36L: 17 lbs (7.5kg)
Maximum Flask Size	1 x 8L 1 x 36L

\* Allow 1 - 2 inches for rear plug-in accessories





### Bell-ennium™ Two Position Magnetic Stirrers

Stock No.	Description
7785-D1502	Two Position Digital Display, 100/115V
7785-D1512	Two Position Digital Display, 230V
7785-P1502	Two Position Process Controller, 100/115V
7785-P1512	Two Position Process Controller, 230V
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



### Specifications

Speed Range	15-500rpm
Dimensions	20 x 11 x 3½" (51 x 28 x 8.5cm)*
Weight	12 lbs (5.5kg)
Maximum Flask Size	2 x 8L

\* Allow 1 - 2 inches for rear plug-in accessories



### Bell-ennium™ Five Position Magnetic Stirrers

Stock No.	Description
7785-D2005	Five Position Digital Display, 100/115V
7785-D2015	Five Position Digital Display, 230V
7785-P2005	Five Position Process Controller, 100/115V
7785-P2015	Five Position Process Controller, 230V
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



### Specifications

Speed Range	15-500rpm
Dimensions	16½ x 18 x 3½" (42 x 45 x 8.5cm)*
Weight	18 lbs (8.2kg)
Maximum Flask Size	5 x 1L; or 4 x 3L

\* Allow 1 - 2 inches for rear plug-in accessories

**Bell-ennium™ Compact Five Position Magnetic Stirrers**

Stock No.	Description
7785-D5005	Five Position Compact Digital Display, 100/115V
7785-D5015	Five Position Compact Digital Display, 230V
7785-P5005	Five Position Compact Process Controller, 100/115V
7785-P5015	Five Position Compact Process Controller, 230V
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



**Specifications**

Speed Range	15-500rpm
Dimensions	14½ x 15 x 3½" (37 x 38 x 8.5cm)*
Weight	18 lbs (8.2kg)
Maximum Flask Size	5 x 500mL; or 4 x 1L

\* Allow 1 - 2 inches for rear plug-in accessories



**Bell-ennium™ Nine Position Magnetic Stirrers**

Stock No.	Description
7785-D9005	Nine Position Digital Display, 100/115V
7785-D9015	Nine Position Digital Display, 230V
7785-P9005	Nine Position Process Controller, 100/115V
7785-P9015	Nine Position Process Controller, 230V
7785-11111	Optional Motion Alarm, Digital, Factory Install Only
7785-22222	Optional Motion Alarm, Process, Factory Install Only



**Specifications**

Speed Range	15-500rpm
Dimensions	16½ x 18 x 3½" (42 x 45 x 8.5cm)*
Weight	20 lbs (9kg)
Maximum Flask Size	9 x 500mL

\* Allow 1 - 2 inches for rear plug-in accessories



**Bell-ennium™ Magnetic Stirrer Accessories**

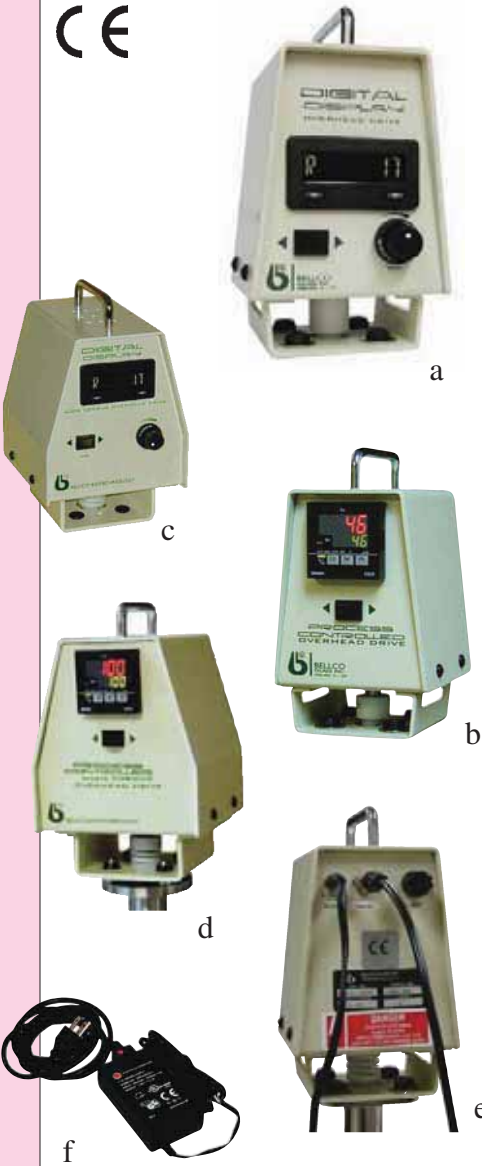
Stock No.	Description
9700-10115	In-line Power Supply, 100/115V
9700-10230	In-line Power Supply, 230V





### Digital and Process Overhead Drive

- Speed Range: 5 – 150rpm
- Brushless motor for low maintenance
- RS485 data port (Process Control)
- Reverse direction switch
- Easy mounting bracket with 'peg & grommet' design
- Standard models: 19 in/lb torque, 30w
- Hi-torque models: 31 in/lb torque, 50w



Stock No.	Description	Dimensions*
7774-10115 (a)	Digital OHD, 100/115V	5x5x8"
7774-10230	Digital OHD, 230V	5x5x8"
7774-20115 (b)	Process OHD, 100/115V	5x5x8"
7774-20230	Process OHD, 230V	5x5x8"
7764-70000	Standard Drive Adapter	
7764-71000	Large Flange Drive Adapter	
7774-30115 (c)	Hi-Torque Digital OHD, 100/115V	6x7x10"
7774-30230	Hi-Torque Digital OHD, 230V	6x7x10"
7774-40115 (d)	Hi-Torque Process OHD, 100/115V	6x7x10"
7774-40230	Hi-Torque Process OHD, 230V	6x7x10"
7764-74000	Hi-Torque Drive Adapter	
7774-50115 (e)	Digital OHD/CTII Interface, 100/115V	5x7x8"
7774-60115	Digital Hi-Torque OHD/CTII Interface, 100/115V	5x7x8"
7803-80000	Speed Cable CTII Interface	
9700-10115 (f)	Inline Power Supply, 115V	
9700-10230	Inline Power Supply, 230V	

\*includes handle

### Overhead Drive Adapters

- Adapt overhead drive motors to PTFE or SST folding impellers
- 316L stainless steel with Polyester/SST bearings
- Two ¼" NPT plugged ports for optional accessories (7764-70000 only)

Stock No.	Description
7764-70000 (g)	Std. OHD Adapter for 100mm Vessels
7764-71000 (h)	Heavy Duty Drive Adapter for Large Flange Vessels
7764-74000 (i)	Hi-Torque Drive Adapter

