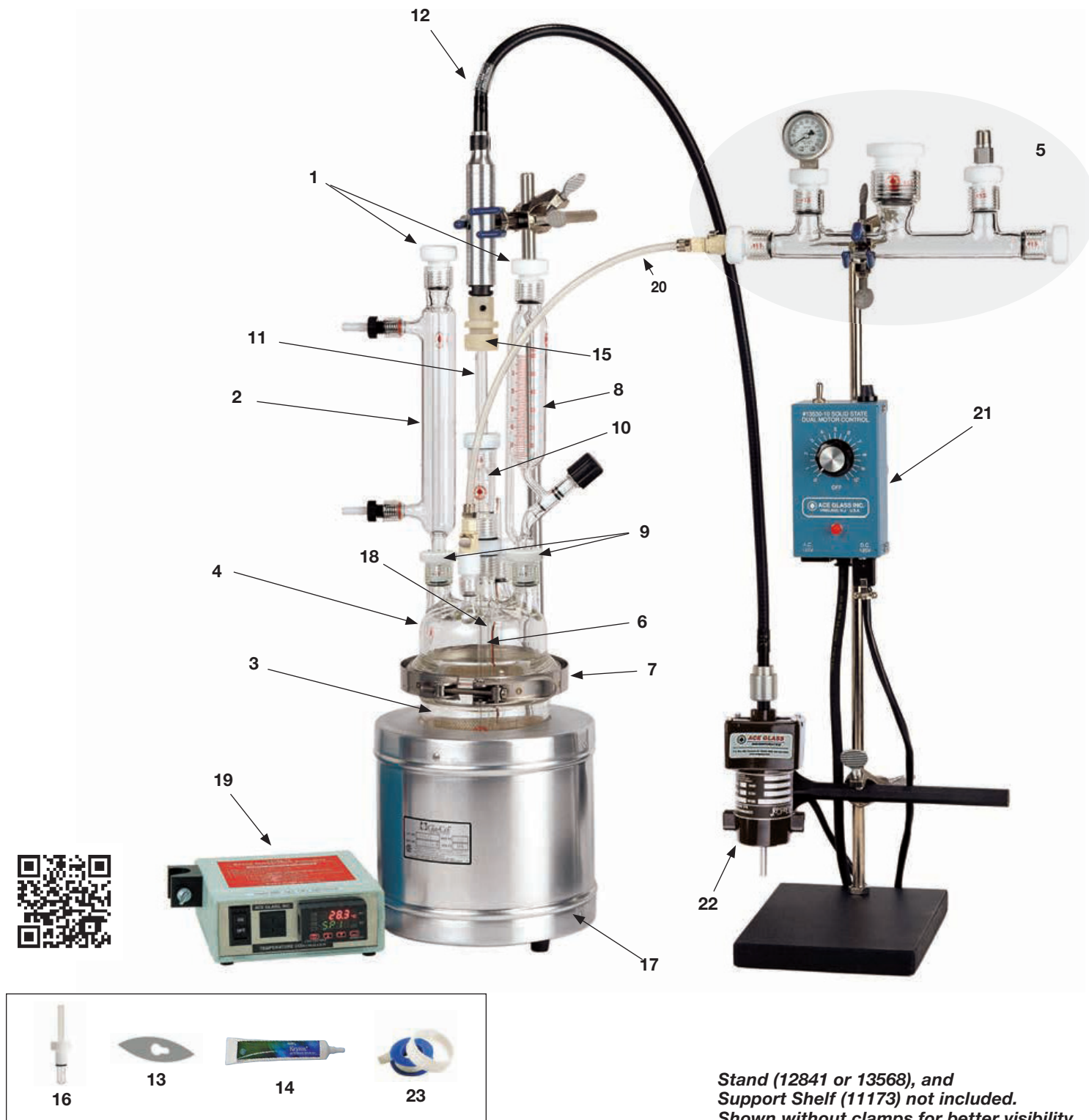


## Unjacketed Two-Piece Pressure Reactor

Two-piece systems with a maximum pressure limit of 35psig @ 100°C.



For safety, it is recommended that a pressure relief manifold be used on jacketed reactors.

No.	Complete System Components	Qty	Order Code	
<b>500mL System (60mm Flange) ★</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 500mL, 60mm flange top	1	6423-05	♣
4	Head, 60mm, #15 center neck, (3) side necks	1	6433-23	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-04	♣
7	Clamp, 60mm, Quick-release	1	6517-22	★
8	Addition Funnel, 60mL	1	7299-06	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm	1	8082-02	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-03	♣
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>500mL System (100mm Flange) ★</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 500mL, 100mm flange top	1	6423-07	♣
4	Head, 100mm, #15 center neck, (4) side necks	1	6433-35	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-10	♣
7	Clamp, 100mm, Quick-release	1	6517-25	★
8	Addition Funnel, 60mL	1	7299-06	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-07	♣
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>1000mL System ★</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 1000mL, 100mm flange top	1	6423-10	♣
4	Head, 100mm, #15 center neck, (4) side necks	1	6433-35	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-14	♣
7	Clamp, 100mm, Quick-release	1	6517-25	★
8	Addition Funnel, 125mL	1	7299-12	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-12	♣
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

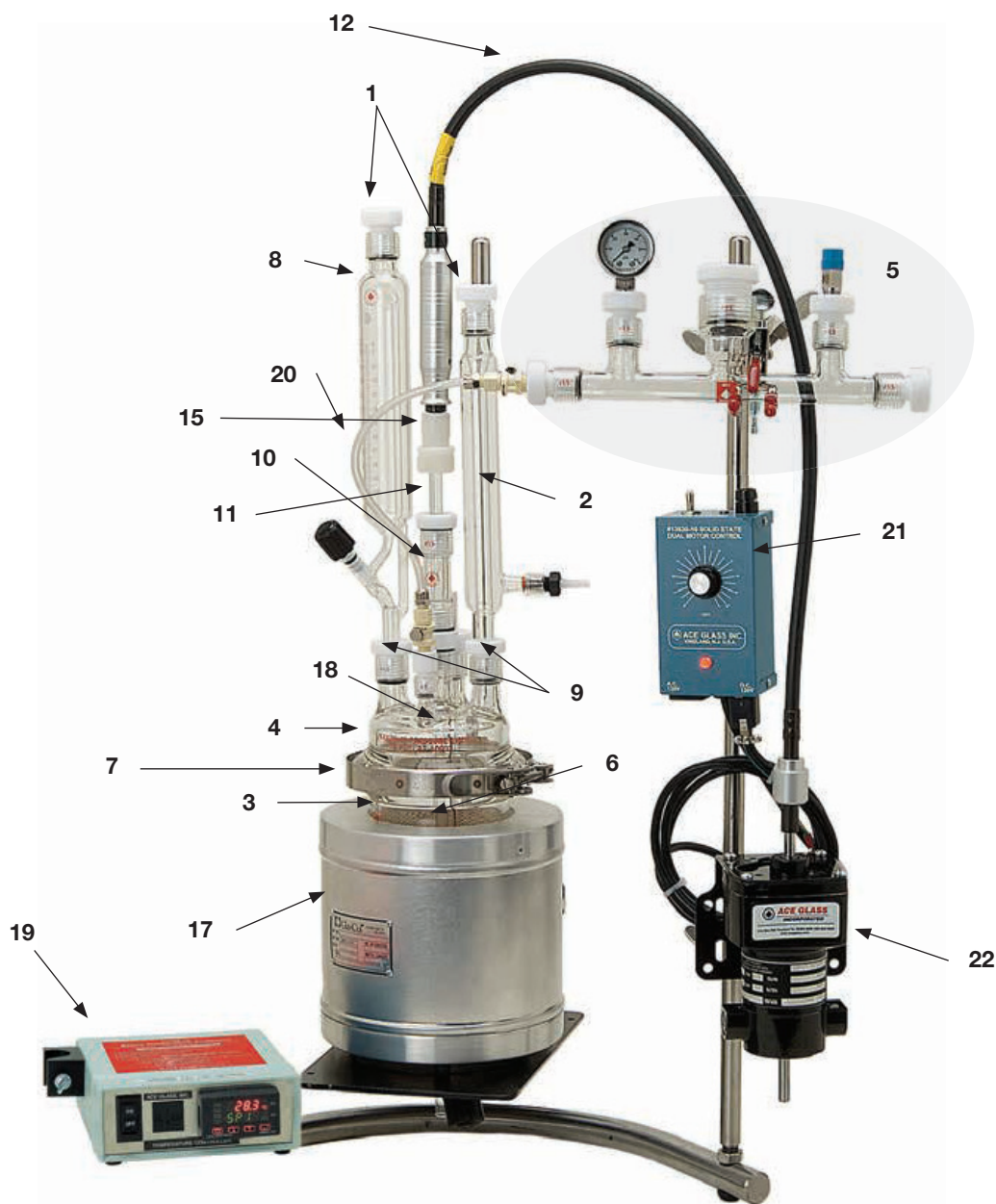
No.	Complete System Components	Qty	Order Code	
<b>2000mL System ★</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 2000mL, 100mm flange top	1	6423-20	♣
4	Head, 100mm, #15 center neck, (4) side necks	1	6433-35	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-14	♣
7	Clamp, 100mm, Quick-release	1	6517-25	★
8	Addition Funnel, 250mL	1	7299-25	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-16	♣
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>3000mL System ★</b>				
1	#15 PTFE Plug	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 3000mL, 150mm flange top	1	6423-30	♣
4	Head, 150mm, #15 center neck, (5) side necks	1	6433-44	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-22	♣
7	Clamp, 150mm, Quick-release	1	6517-27	★
8	Addition Funnel, 250mL	1	7299-25	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm	1	8082-06	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-30	♣
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>5000mL System ★</b>				
1	#15 PTFE Plug	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 5000mL, 100mm flange top	1	6423-35	♣
4	Head, 150mm, #15 center neck, (5) side necks	1	6433-44	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-24	♣
7	Clamp, 150mm, Quick-release	1	6517-27	★
8	Addition Funnel, 500mL	1	7299-34	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-14	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm	1	8082-06	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-33	♣
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

## Unjacketed Two-Piece Pressure Reactor w/Bottom Outlet

Two-piece systems with a maximum pressure limit of 35psig @ 100°C.



Stand (12841, 13568 or 13586), and Support Shelf (11173) not included. Shown without clamps for better visibility.

For safety, it is recommended that a pressure relief manifold be used on jacketed reactors.

No.	Complete System Components	Qty	Order Code	
<b>500mL System (60mm Flange) ★</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 500mL, 60mm flange top w/bottom outlet	1	6425-04	♣
4	Head, 60mm, #15 center neck, (3) side necks	1	6433-23	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-04	♣
7	Clamp, 60mm, Quick-release	1	6517-22	★
8	Addition Funnel, 60mL	1	7299-06	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm wide	1	8082-02	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-44	
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

<b>500mL System (100mm Flange) ★</b>				
No.	Complete System Components	Qty	Order Code	
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 500mL, 100mm flange top w/bottom outlet	1	6425-06	♣
4	Head, 100mm, #15 center neck, (4) side necks	1	6433-35	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-10	♣
7	Clamp, 100mm, Quick-release	1	6517-25	★
8	Addition Funnel, 60mL	1	7299-06	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm wide	1	8082-04	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-47	
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

<b>1000mL System ★</b>				
No.	Complete System Components	Qty	Order Code	
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 1000mL, 100mm flange top w/bottom outlet	1	6425-12	♣
4	Head, 100mm, #15 center neck, (4) side necks	1	6433-35	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-14	♣
7	Clamp, 100mm, Quick-release	1	6517-25	★
8	Addition Funnel, 125mL	1	7299-12	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm wide	1	8082-04	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-49	
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

<b>2000mL System ★</b>				
No.	Complete System Components	Qty	Order Code	
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 2000mL, 100mm flange top w/bottom outlet	1	6425-15	♣
4	Head, 100mm, #15 center neck, (4) side necks	1	6433-35	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-14	♣
7	Clamp, 100mm, Quick-release	1	6517-25	★
8	Addition Funnel, 250mL	1	7299-25	♣
9	#15 PTFE Bushing (Complete contains TWO)	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 19mm wide	1	8082-04	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-51	
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

<b>3000mL System ★</b>				
No.	Complete System Components	Qty	Order Code	
1	#15 PTFE Plug	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 3000mL, 150mm flange top w/bottom outlet	1	6425-19	♣
4	Head, 150mm, #15 center neck, (5) side necks	1	6433-44	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-22	♣
7	Clamp, 150mm, Quick-release	1	6517-27	★
8	Addition Funnel, 250mL	1	7299-25	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-12	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 24mm wide	1	8082-06	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-53	
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

<b>5000mL System ★</b>				
No.	Complete System Components	Qty	Order Code	
1	#15 PTFE Plug	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 5000mL, 150mm flange top w/bottom outlet	1	6425-23	♣
4	Head, 150mm, #15 center neck, (5) side necks	1	6433-44	♣
5	Pressure Reactor Manifold, complete	1	6448-54	★
6	Thermowell	1	6471-24	♣
7	Clamp, 150mm, Quick-release	1	6517-27	★
8	Addition Funnel, 500mL	1	7299-34	♣
9	#15 PTFE Bushing	2	7506-27	♣
10	Bearing, complete, w/Ace-Threds	1	8044-24	♣
11	Stir Shaft, 10mm	1	8075-14	♣
12	Flexible Shaft, complete, 91.4cm	1	8081-30	★
13	Stirrer Blade, PTFE, 24mm wide	1	8082-06	♣
14	Krytox® High Vacuum Grease	1	8116-10	★
15	Swivel Coupling	1	8126-10	♣
16	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
17	Aluminum Heating Mantle	1	12058-55	
18	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
19	Digital Temperature Controller, "J" output	1	12125-14	★
20	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
21	Stirrer Motor Controller, Solid State	1	13530-10	★
22	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	★
23	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

## Unjacketed One-Piece Pressure Reactor

One-piece systems with a maximum pressure limit of 45psig @ 100°C.



Stand (12841 or 13568), and Support Shelf (11173) not included. Shown without clamps for better visibility.

For safety, it is recommended that a pressure relief manifold be used on jacketed reactors.

No.	Complete System Components	Qty	Order Code	
<b>500mL System ★</b>				
<b>6436-233</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 500mL	1	6436-06	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-41	♣
6	Addition Funnel, 60mL	1	7299-06	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-07	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>1000mL System ★</b>				
<b>6436-236</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 1000mL	1	6436-09	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-43	♣
6	Addition Funnel, 125mL	1	7299-12	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-12	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>2000mL System ★</b>				
<b>6436-239</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 2000mL	1	6436-22	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-43	♣
6	Addition Funnel, 150mL	1	7299-25	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-16	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>3000mL System ★</b>				
<b>6436-243</b>				
1	#15 PTFE Plug	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 3000mL	1	6436-31	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-47	♣
6	Addition Funnel, 150mL	1	7299-25	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-30	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>5000mL System ★</b>				
<b>6436-245</b>				
1	#15 PTFE Plug (Complete contains THREE)	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 5000mL	1	6436-37	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-49	♣
6	Addition Funnel, 500mL	1	7299-34	♣
7	#15 PTFE Bushing (Complete contains TWO)	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-14	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-33	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

## Unjacketed One-Piece Pressure Reactor w/Bottom Outlet

One-piece systems with a maximum pressure limit of 45psig @ 100°C.



Stand (12841, 13568 or 13586), and Support Shelf (11173) not included. Shown without clamps for better visibility.

For safety, it is recommended that a pressure relief manifold be used on jacketed reactors.

No.	Complete System Components	Qty	Order Code	
<b>500mL System ★</b>				
<b>6437-235</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 500mL	1	6437-07	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-41	♣
6	Addition Funnel, 60mL	1	7299-06	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-47	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>1000mL System ★</b>				
<b>6437-238</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 1000mL	1	6437-13	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-43	♣
6	Addition Funnel, 125mL	1	7299-12	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-49	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>2000mL System ★</b>				
<b>6437-241</b>				
1	#15 PTFE Plug	2	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 2000mL	1	6437-16	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-43	♣
6	Addition Funnel, 150mL	1	7299-25	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-51	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>3000mL System ★</b>				
<b>6437-244</b>				
1	#15 PTFE Plug	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 3000mL	1	6437-20	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-47	♣
6	Addition Funnel, 150mL	1	7299-25	♣
7	#15 PTFE Bushing	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-12	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-53	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★

No.	Complete System Components	Qty	Order Code	
<b>5000mL System ★</b>				
<b>6437-246</b>				
1	#15 PTFE Plug (Complete contains THREE)	3	5846-48	♣
2	West Condenser w/Ace-Threds	1	6024-20	♣
3	Flask, 5000mL	1	6437-24	♣
4	Pressure Reactor Manifold, complete	1	6448-68	★
5	Thermowell	1	6471-49	♣
6	Addition Funnel, 500mL	1	7299-34	♣
7	#15 PTFE Bushing (Complete contains TWO)	2	7506-27	♣
8	Bearing, complete, w/Ace-Threds	1	8044-55	♣
9	Stir Shaft, 10mm	1	8075-14	♣
10	Flexible Shaft, complete, 91.4cm	1	8081-30	★
11	Stirrer Blade, PTFE, 19mm	1	8082-04	♣
12	Krytox® High Vacuum Grease	1	8116-10	★
13	Swivel Coupling	1	8126-10	♣
14	Bushing, PTFE, #15 w/O-ring	1	8648-19	♣
15	Aluminum Heating Mantle	1	12058-55	
16	Type "J" Thermocouple Sensor, PTFE-clad	1	12110-25	★
17	Digital Temperature Controller, "J" output	1	12125-14	★
18	Polypropylene Tubing, 1/4" OD x 0.170" ID	1	12681-110	★
19	Stirrer Motor Controller, Solid State	1	13530-10	★
20	Stirrer Motor w/Mounting Rod, Solid State	1	13649-09	
21	PTFE Sealing Tape, 1/2" Width	1	14120-18	★