



Applikon® BioBundle™ Fermentation Systems

Economical, complete and ready to assemble

- Control pH, temperature DO, foam/level and agitation through a simple ez-Control touchscreen panel
- Affordable and complete—systems include everything you need for a wide range of applications; customizable solutions also available
- Easy—packaged for fast, trouble-free assembly; setup requires no special skills or tools

All materials in contact with the bioreactor vessel are constructed of either 316L stainless steel, EPDM, silicone rubber, PTFE, or borosilicate glass. Built-in ez-Control's color touch screen monitors and controls your most important process parameters. ez-Control uses a USB interface connection, allowing data transfer anywhere in your network.



Description	1-liter cell culture BioBundle	1-liter microbial culture BioBundle	3-liter cell culture BioBundle	3-liter microbial culture BioBundle	7-liter cell culture BioBundle	7-liter microbial culture BioBundle
Catalog number	GH-29206-40	GH-29206-42	GH-29206-44	GH-29206-46	GH-29206-48	GH-29206-50
Total volume	1.25 liter		3.2 liter		7 liter	
Working volume	900 mL		2.7 liter		5.2 liter	
Minimum working volume	350 mL		0.47 liter		2 liter	
Available headplate ports	6 ports		18 ports		18 ports	
Price						

Applikon® MiniBio Lab Reactor Bundles

Easily mimic larger scale reactions in your lab

- Complete system is ready to use
- Get high-throughput cultivation without sacrificing quality
- Fully automated and controlled units handle volumes as small as 50 mL
- Simple control for controlling up to 32 parallel *my*-Controllers
- Operate through web browser or and iOS®, Android™, or Windows® system

Each MiniBio bundle comes with the BioXpert Lite software for data acquisition, which is compatible with Windows 7, Vista, or XP operating systems.

What's included: bioreactor glass vessel and integrated stirrer, *my*-Control controller, BioXpert Lite software, probes/cables, headplate, start-up kit (tubing for pumps and gas flow lines, tubing clamps, replacement septa for septum holder, various O-rings, 100 sample tubes), two gas filters (for air outlet and sparger assembly), and a 5-ft power cord with plug for *my*-Control controller.



Description	250-mL cell culture MiniBio bundle	250-mL microbial MiniBio bundle	500-mL cell culture MiniBio bundle	500-mL microbial MiniBio bundle	1-liter cell culture MiniBio bundle	1-liter microbial MiniBio bundle
Catalog number	GH-29206-03	GH-29206-04	GH-29206-06	GH-29206-07	GH-29206-08	GH-29206-09
Total volume	250 mL	250 mL	500 mL	500 mL	1000 mL	1000 mL
Working volume	200 mL	200 mL	400 mL	400 mL	900 mL	900 mL
Minimum working volume	50 mL	50 mL	100 mL	100 mL	300 mL	300 mL
Head plate ports Sensor holder: 6.4 mm	2	2	2	2	2	2
Additional ports (3 mm)	4	4	4	4	4	4
Cooling temperature control	Electric Peltier cooling (optional; not included)	Electric Peltier cooling	Electric Peltier cooling (optional; not included)	Electric Peltier cooling	Electric Peltier cooling (optional; not included)	Water-cooled via heat exchanger
Heating temperature control	Electric heating blanket	Electric heating blanket	Electric heating blanket	Electric heating blanket	Electric heating blanket	Electric heating blanket
Baffles	—	—	—	—	—	3
Software	Data acquisition (SCADA optional)	Data acquisition (SCADA optional)	Data acquisition (SCADA optional)	Data acquisition (SCADA optional)	Data acquisition (SCADA optional)	Data acquisition (SCADA optional)
Power (VAC, Hz)	115, 60 [‡]	115, 60 [‡]	115, 60 [‡]	115, 60 [‡]	115, 60 [‡]	115, 60 [‡]
Price						

[‡]Additional voltage units are available; contact our Application Specialists for other options and specify country.