



Quality Products for Environmental Sampling & Analysis

Environmental

WHEATON offers a complete line of products for environmental sample collection, preparation and analysis according to the Environmental Protection Agency (EPA) methods. Products include BOD bottles, samplers, coliwassas and analytical apparatus.

WHEATON BOD Bottles are ideal for incubating diluted samples of sewage, sewage effluents, polluted waters and industrial wastes to determine the amount of oxygen required during the stabilization of the decomposable organic matter by aerobic biochemical action.

Sampling devices, including samplers and coliwassas, are available for use with liquids, solids, sludges, soil and water. These products are designed for industrial and QC applications, environmental compliance, hazardous / toxic materials evaluation and site evaluation / remediation work.

For more information on WHEATON Environmental, contact your WHEATON Regional Manager or Customer Service at 800-225-1437.

BOD Bottles

- Ideal for incubating diluted samples of sewage, sewage effluents, polluted waters and industrial wastes to determine the amount of oxygen required during the stabilization of the decomposable organic matter by aerobic biochemical action
- We recommend the 300mL capacity bottles for the five-day BOD test as referenced in Standard Methods for the Examination of Water and Wastewater, 21st Edition, 5210B, 2005
- Specially designed bottle shoulder radius that sweeps all air from inside the bottle during filling
- The interchangeable stoppers have a tapered bottom that prevents air entrapment

- The bottles have a flared mouth to form a water seal around the stopper that prevents air from being drawn into the bottle during incubation
- Stopper joint is compatible with the probes of the leading meters for BOD and dissolved oxygen
- Large, permanently screened-on writing patch on all bottles
- Manufactured from USP Type I borosilicate glass



60mL BOD Bottle

300mL BOD Bottle

Cat. No.	Cap (mL)	Number Sequence	Barcoding	Dia. x H (mm)	Stopper	Qty / Case
227494-00G	60mL	Un-numbered	No	43 x 115	Glass Pennyhead	36
227494-00	60mL	Un-numbered	No	43 x 115	Glass Robotic	36
227494-01G	60mL	01-36	No	43 x 115	Glass Pennyhead	36
227494-01	60mL	01-36	No	43 x 115	Glass Robotic	36
227494-02G	60mL	37-72	No	43 x 115	Glass Pennyhead	36
227494-02	60mL	37-72	No	43 x 115	Glass Robotic	36
227494-03G	60mL	73-108	No	43 x 115	Glass Pennyhead	36
227494-03	60mL	73-108	No	43 x 115	Glass Robotic	36
227494-99G*	60mL	Specials	No	43 x 115	Glass Pennyhead	36
227494-99*	60mL	Specials	No	43 x 115	Glass Robotic	36
227498	300mL	Un-numbered	No	69 x 143	Without Stopper	24
227497-00G	300mL	Un-numbered	No	69 x 165	Glass Pennyhead	24
227497-00	300mL	Un-numbered	No	69 x 165	Glass Robotic	24
227497-01G	300mL	01-24	Yes	69 x 165	Glass Pennyhead	24
227497-01	300mL	01-24	Yes	69 x 165	Glass Robotic	24
227497-02G	300mL	25-48	Yes	69 x 165	Glass Pennyhead	24
227497-02	300mL	25-48	Yes	69 x 165	Glass Robotic	24
227497-03G	300mL	49-72	Yes	69 x 165	Glass Pennyhead	24
227497-03	300mL	49-72	Yes	69 x 165	Glass Robotic	24
227497-04G	300mL	73-96	Yes	69 x 165	Glass Pennyhead	24
227497-04	300mL	73-96	Yes	69 x 165	Glass Robotic	24
227497-05G	300mL	97-120	Yes	69 x 165	Glass Pennyhead	24
227497-05	300mL	97-120	Yes	69 x 165	Glass Robotic	24
227497-06G	300mL	121-144	Yes	69 x 165	Glass Pennyhead	24
227497-06	300mL	121-144	Yes	69 x 165	Glass Robotic	24
227497-07G	300mL	145-168	Yes	69 x 165	Glass Pennyhead	24
227497-07	300mL	145-168	Yes	69 x 165	Glass Robotic	24
227497-08G	300mL	169-192	Yes	69 x 165	Glass Pennyhead	24
227497-08	300mL	169-192	Yes	69 x 165	Glass Robotic	24
227497-09G	300mL	193-216	Yes	69 x 165	Glass Pennyhead	24
227497-09	300mL	193-216	Yes	69 x 165	Glass Robotic	24
227497-10G	300mL	217-240	Yes	69 x 165	Glass Pennyhead	24
227497-10	300mL	217-240	Yes	69 x 165	Glass Robotic	24
227497-11G	300mL	241-264	Yes	69 x 165	Glass Pennyhead	24
227497-11	300mL	241-264	Yes	69 x 165	Glass Robotic	24
227497-12G	300mL	265-228	Yes	69 x 165	Glass Pennyhead	24
227497-12	300mL	265-228	Yes	69 x 165	Glass Robotic	24
227497-13G	300mL	289-312	Yes	69 x 165	Glass Pennyhead	24
227497-13	300mL	289-312	Yes	69 x 165	Glass Robotic	24
227497-14G	300mL	313-336	Yes	69 x 165	Glass Pennyhead	24
227497-14	300mL	313-336	Yes	69 x 165	Glass Robotic	24
227497-15G	300mL	337-360	Yes	69 x 165	Glass Pennyhead	24
227497-15	300mL	337-360	Yes	69 x 165	Glass Robotic	24
227947-16G	300mL	361-384	Yes	69 x 165	Glass Pennyhead	24
227497-16	300mL	361-384	Yes	69 x 165	Glass Robotic	24
227497-17G	300mL	385-408	Yes	69 x 165	Glass Pennyhead	24
227497-17	300mL	385-408	Yes	69 x 165	Glass Robotic	24
227497-18G	300mL	409-432	Yes	69 x 165	Glass Pennyhead	24
227497-18	300mL	409-432	Yes	69 x 165	Glass Robotic	24
227497-99G*	300mL	Specials	Yes	69 x 165	Glass Pennyhead	24
227497-99*	300mL	Specials	Yes	69 x 165	Glass Robotic	24

* For specials contact WHEATON Customer Service

Replacement Stoppers

- For 60mL and 300mL BOD Bottles



Cat. No.	Description	Qty / Case
227670	Robotic Stopper, Glass	12
227672	Pennyhead Stopper, Glass	12

BOD Bottle, Black, 300mL

- Ideal for light sensitive samples
- Coated with black PVC plastic to block all visible light up to 800nm to inhibit the production of oxygen by algae
- Recommended for use in marine photosynthesis projects when comparing oxygen in a light and a dark bottle
- Supplied with a glass robotic stopper and an opaque black cap
- Manufactured from USP Type I borosilicate glass



Cat. No.	Dia. x H (mm)	Qty / Case
227667	73 x 167	20

*For replacement stoppers use Cat. No. 227670

BOD Bottle, 2L

- Recommended for long-term BOD and ultimate BOD analysis
- Manufactured from WHEATON 33 low extractable borosilicate glass that conforms to USP Type I and also ASTM E 438 Type I Class A requirements and comes complete with a glass robotic stopper



Cat. No.	Dia. x H (mm)	Qty / Case
227580	128 x 272	1

*For replacement stoppers use Cat. No. 227670

BOD Bottle Aerator

- 40-60µm porosity glass frit
- For use with 300mL bottle
- EPA Method 245.1 Manual Cold Vapor Technique
- Used in determining inorganic forms of mercury and organic mercurials in drinking, surface and saline waters, as well as domestic and industrial waste
- Manufactured from WHEATON 200 low extractable borosilicate glass that conforms to USP Type I and also ASTM E 438 Type I, Class A requirements



Cat. No.	Description	Qty / Case
227700	BOD Aerator	1

BOD Bottle Cap

- Polyethylene cap prevents evaporation of the water seal during the five-day BOD incubation period
- Includes foam insert to exert pressure on the bottle stopper to hold it securely



Cat. No.	Description	Qty / Case
227723	BOD Bottle Cap	50

BOD Bottle Rack

- Conveniently and safely transports BOD bottles
- Racks are stackable
- Not autoclavable

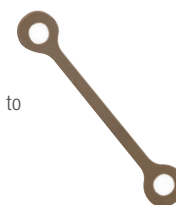


Cat. No.	For Bottle Size	Holds	L x W x H (in)*	Max Bottle Dia.	Qty / Case
W227729	60mL	20 Bottles	13 x 10 x 7 in	49mm	1
W227731	300mL	12 Bottles	13 x 10 x 7 in	76mm	1

*33.03 x 25.4 x 17.78cm

BOD Stopper Leash

- Rubber leash prevents loss of stoppers
- Leash has 10mm diameter holes at each end to expand to fit securely around both the stoppers and the bottle necks



Cat. No.	Description	Qty / Case
776580	Stopper Leash	25