



DURAN WHEATON KIMBLE

Excellence in your hands

# Big Things Are Here— The New KIMBLE® GLS 80®

## Introducing triple benefits of the GLS 80®

### STORAGE/TRANSPORT VESSEL

The GLS 80® combines wide-mouth design with purity, unsurpassed breadth of chemical and temperature performance range, and clarity that only KIMBLE® 3.3 borosilicate glass can deliver.

### EVOLVES INTO A PHOTOBIOREACTOR

Clarity is an inherent property of clear borosilicate glass, KIMBLE® GLS 80® bottles feature > 90% light transmission from 380 to 700nm visible light spectrum, ideal for plant growth.

### FOR BIOMASS RESEARCH

Biomass research and development expands scientific exploration of renewable materials for applications in biofuels, biomaterials and bio-active molecules.

**Biofuels** — Plant cultivation from algae to phytoplankton

**Biomaterials** — Extractions of waste stream

**Bioactive Molecules** — Synthesis of high-value bio-active molecules

*Get the versatility, purity and durability you need to achieve results for your demanding laboratory storage, bioprocess and production applications.*





# The New GLS 80®



## KIMBLE® KIMAX® GLS 80® Wide Mouth Media Bottles w/ Blue PP Cap

Ideal for storage and transport of high value sample substances, the wide-mouth design provides ease of use for filling and dispensing of powders, viscous liquids and slurries. Durable, fired on ceramic ink graduations and marking patch withstand the rigors of daily laboratory, bioprocess and production use. Kimble 3.3 borosilicate glass is low-extractable, USP Type 1, your assurance of purity, with a full temperature and chemical resistance range. Complete with blue quick-release linerless polypropylene closure and pour ring are rated up to 140° C. Amber tinted bottles provide UV light protection up to 500nm. Autoclavable KimCote® coating provides safety and reduces hazards of shattered glass. Autoclavable.

Clear Cat. No.	Amber Cat. No.	KimCote® Cat. No.	Capacity (mL)	Thread GLS	OD (mm)	H (mm)	Qty/Case
14393-0250	14394-0250	14390-0250	250	80	95	105	4
14393-0500	14394-0500	14390-0500	500	80	101	152	4
14393-1000	14394-1000	14390-1000	1000	80	101	222	4
14393-2000	14394-2000	14390-2000	2000	80	136	252	4
14393-5000	14394-5000	14390-5000	5000	80	182	314	1
14393-10L	14394-10L	—	10000	80	227	389	1
14393-20L	14394-20L	—	20000	80	288	484	1
Replacement Parts							
14393-0010	GLS 80 Cap and Pour Ring						4

## GLS 80® Connection System — screw cap GLS 80® with four ports (GL 18 thread)

Materials used: PP and PTFE. Flexible modular system. Five different hose diameters (3.2mm; 6.0mm; 8.0mm; 10.0mm and 12.0mm) can be connected. Sterile pressure equalization is possible by using the membrane filter. Unused ports can be provided with a blind cap.

Typical applications: safe transfer of liquid media within a closed and sterile system (evaporation is reduced).

Cat. No.	Thread GLS	d mm	h mm	Qty/Case
293109103	80	86	~60	2
Accessories				
1160169	Insert for screw cap GL 18, ID 3.2mm			1
1160170	Insert for screw cap GL 18, ID 6.0mm			1
1160171	Insert for screw cap GL 18, ID 8.0mm			1
1160172	Insert for screw cap GL 18, ID 10.0mm			1
1160173	Insert for screw cap GL 18, ID 12.0mm			1
1160174	Screw cap for tube connection, blue, GL 18			2
1160167	Pressure equalization set for 4-port, GL 18			1
1170682	Screw cap, red, PBT, GL 18			2

### 4 Port Closure



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