

ERLENMEYER FLASKS

WITH VENT CAP

DEDICATED DESIGN FOR ZHICHU CO₂ SHAKER INCUBATOR



Distributor

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Erlenmeyer Shake Flask

ZHICHU shake flasks, also known as Erlenmeyer flasks or conical flasks, are commonly used in biotechnology, microbiology, and various other fields of research.

They are especially useful for growing microbial cultures, cell cultures, and for mixing or stirring solutions. They come in various sizes, ranging from a few milliliters to several liters, depending on the application and the volume requirements of the experiment.



PRODUCT FEATURES

- PP vent cap with a 0.2 μm breathable membrane
 - a. effectively block microorganisms,
 - b. prevent pollution
 - c. ensure gas exchange, so that cells or bacteria grow well
- Bottle body is made of BPA-free PETG or Styrene-butadiene(BS), adopting extrusion blowing process technology with extremely smooth characteristic which reduces the risk of cell adhesion and culture medium bubbling
- The handle of the 5L flask is designed to be easy to carry, avoiding the risk of contamination caused by customers' hands being too close to the mouth of the bottle during use. The bottom of the 2.8L shaker bottle is optimized to save space, greatly improve the use rate of the shaker, and reduce customer R&D cost of production
- Sterilized by electron beam, SAL=10⁻⁶, to ensure no DNase/RNase, no pyrogen, no endotoxin
- Individually packaged and sterilized for immediate use



TECHINICAL DATA

Model	Z2022125G	Z2022250G	Z2022500G	Z20221000G	Z20222800G	Z20225000G
Flask Size	125ml	250ml	500ml	1000ml	2800ml	5000ml
Shaking Accuracy	±1rpm					
Flask body	PETG				Styrene-butadiene(BS)	
Screw Vent Cap	0.2 μm , PP					
Height (mm)	113	138	178	211	243	260
Neck Diameter(mm)	34	34	39	39	96	96
Bottom Diameter(mm)	66	83	101	127	164	228
Sterilization method	Irradiation sterilization					
PCS/Box	24	12	12	6	6	4
Box Size(W*D*H,mm)	465*315*150	380*290*155	455*345*200	415*275*230	580*390*290	490*490*300

