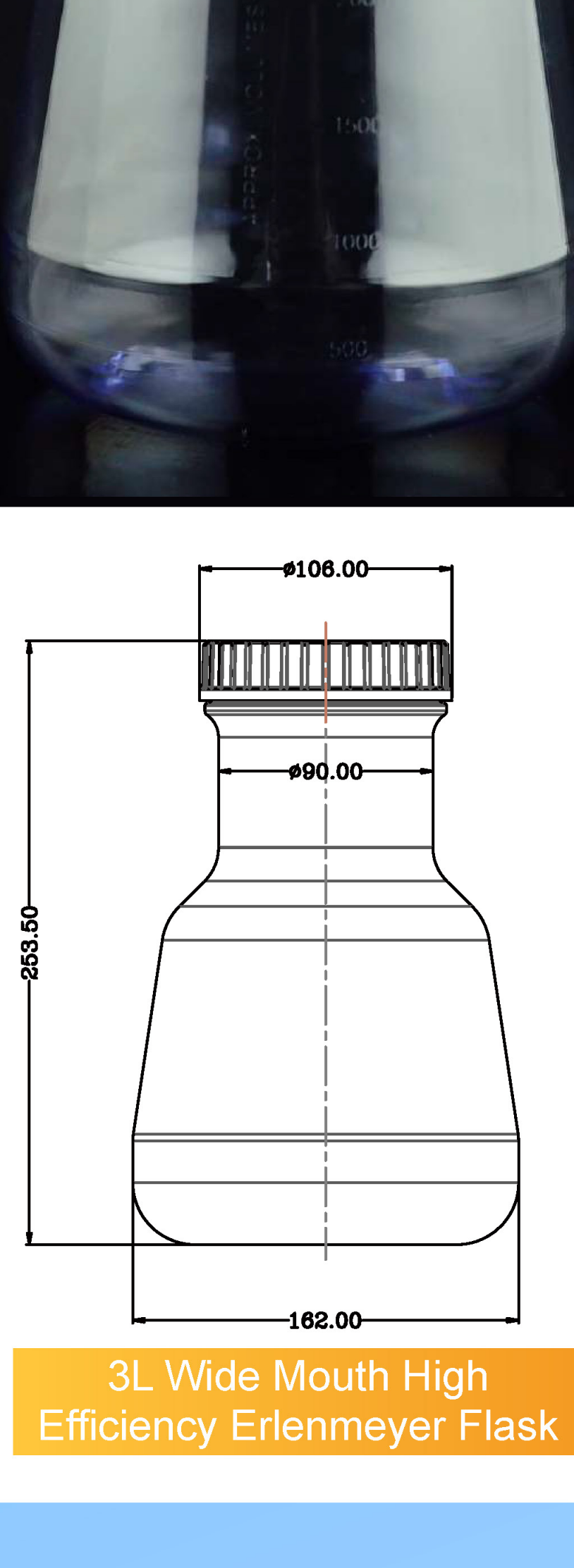


## »» NEW ARRIVAL ««

### 3L Wide Mouth High Efficiency Erlenmeyer flask

- >>> Bottleneck diameter increased from  $\varnothing 67$  mm to  $\varnothing 90$  mm
- >>> Enhanced oxygen flux
- >>> Improved efficiency of cell culture



3L High Efficiency Erlenmeyer Flask

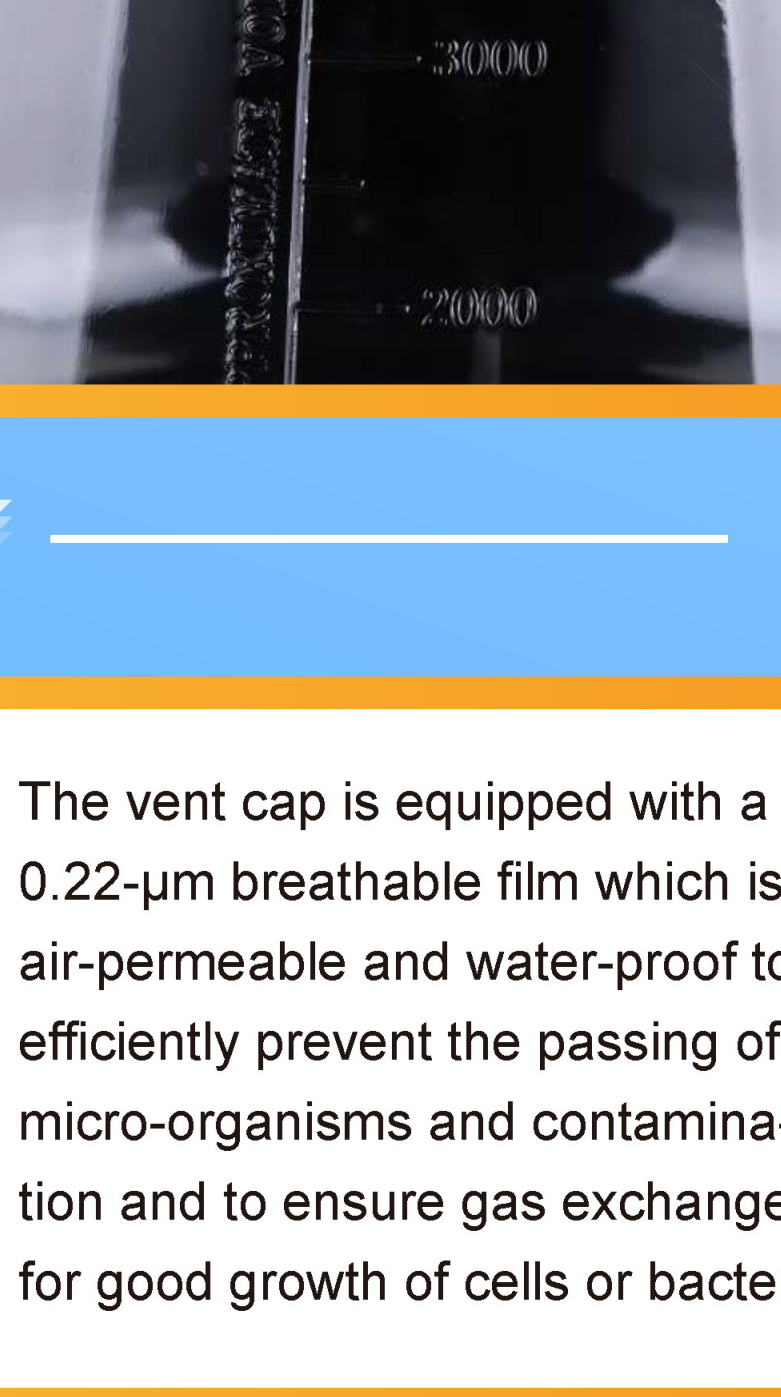


3L Wide Mouth High Efficiency Erlenmeyer Flask

## High Efficiency Erlenmeyer Flask



2L/3L



5L

## Product Information

| Cat.No. | Volume        | Cap Style       | High  | Bottleneck Diameter | Bottom Diameter | /Cs |
|---------|---------------|-----------------|-------|---------------------|-----------------|-----|
| 785101  | 2L            | Seal Cap        | 213.5 | 67                  | 162             | 4   |
| 785111  | 2L            | Vent Filter Cap | 213.5 | 67                  | 162             | 4   |
| 786101  | 3L            | Seal Cap        | 253.5 | 67                  | 162             | 4   |
| 786111  | 3L            | Vent Filter Cap | 253.5 | 67                  | 162             | 4   |
| 787001  | 5L            | Seal Cap        | 285.5 | 90                  | 230             | 4   |
| 787011  | 5L            | Vent Filter Cap | 285.5 | 90                  | 230             | 4   |
| 786501  | 3L Wide Mouth | Seal Cap        | 253.5 | 90                  | 162             | 4   |
| 786511  | 3L Wide Mouth | Vent Filter Cap | 253.5 | 90                  | 162             | 4   |

## Introduction

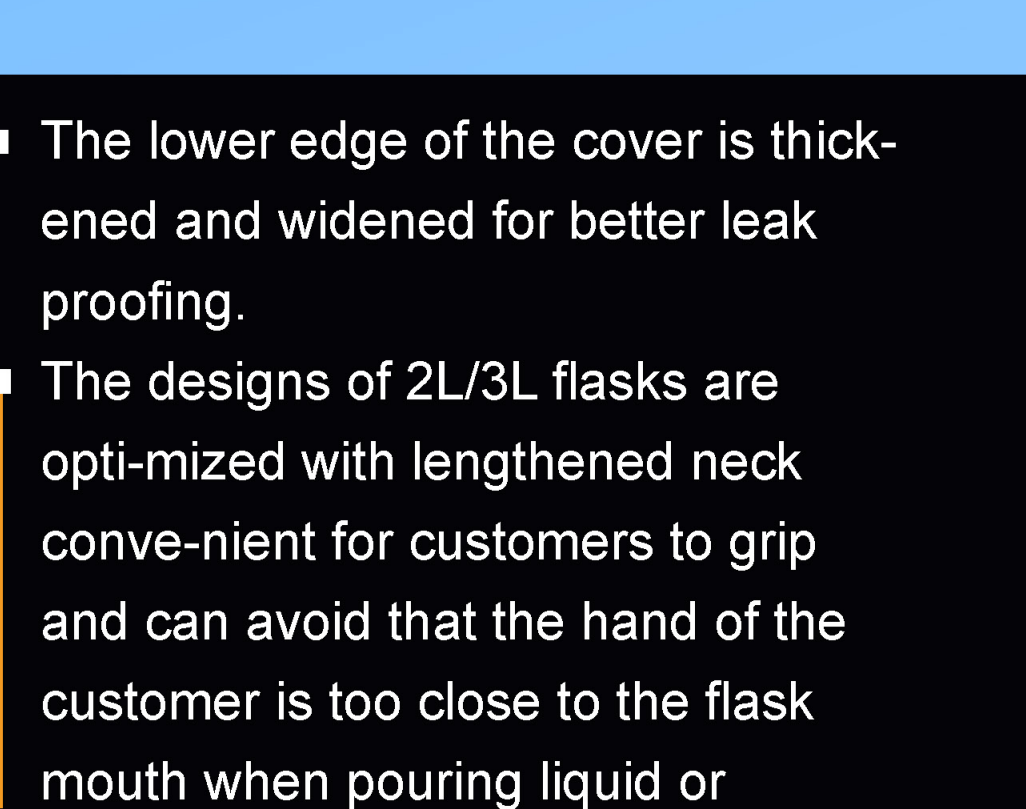
High Efficiency, large-volume culture flasks allow cells to show strong viability with large expression amount of proteins in the culture of mammalian cells and insect cells. During the culturing process, the use rate of the shaker is significantly increased, and the survival rate and viability of cells are both dramatically elevated. NEST culture flasks also provide high repeatability, which allows highly inter-batch consistency of cell growth and yield.

## Features



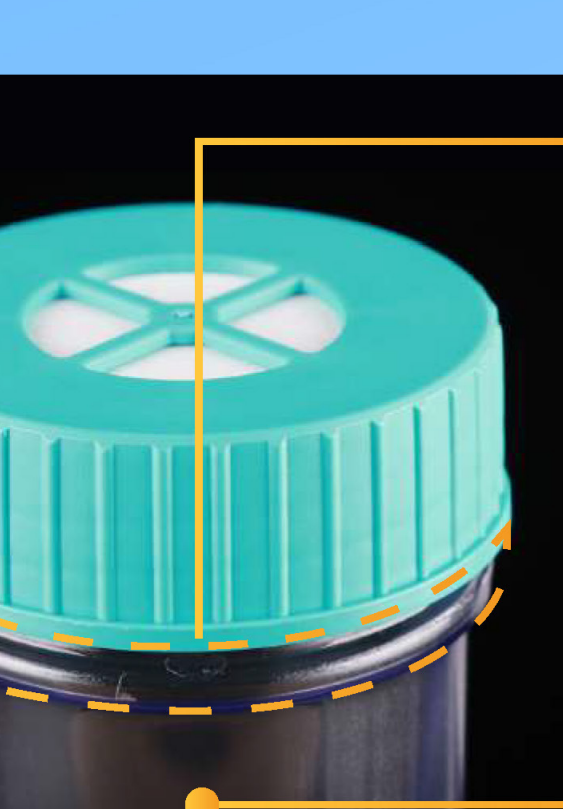
The imported medical-grade polycarbonate (PC) that meets with the requirements of ISO10993 US-P<661> is chosen as the raw materials, which has high transparency, great impact resistance, oxidation resistance and can withstand a high temperature of up to 121 °C.

The scale is clear and accurate when looked at from the outside, which facilitates the observation of the volume of culture medium.



The vent cap is equipped with a 0.22- $\mu$ m breathable film which is air-permeable and water-proof to efficiently prevent the passing of micro-organisms and contamination and to ensure gas exchange for good growth of cells or bacteria.

The products have undergone the tightness test, drop test, high-temperature and high-voltage tests, flatness test, tensile test, endotoxin test, sterilization test, DNA/RNA enzyme-free tests and cell culture test, all the results of which meet the corresponding quality standards.



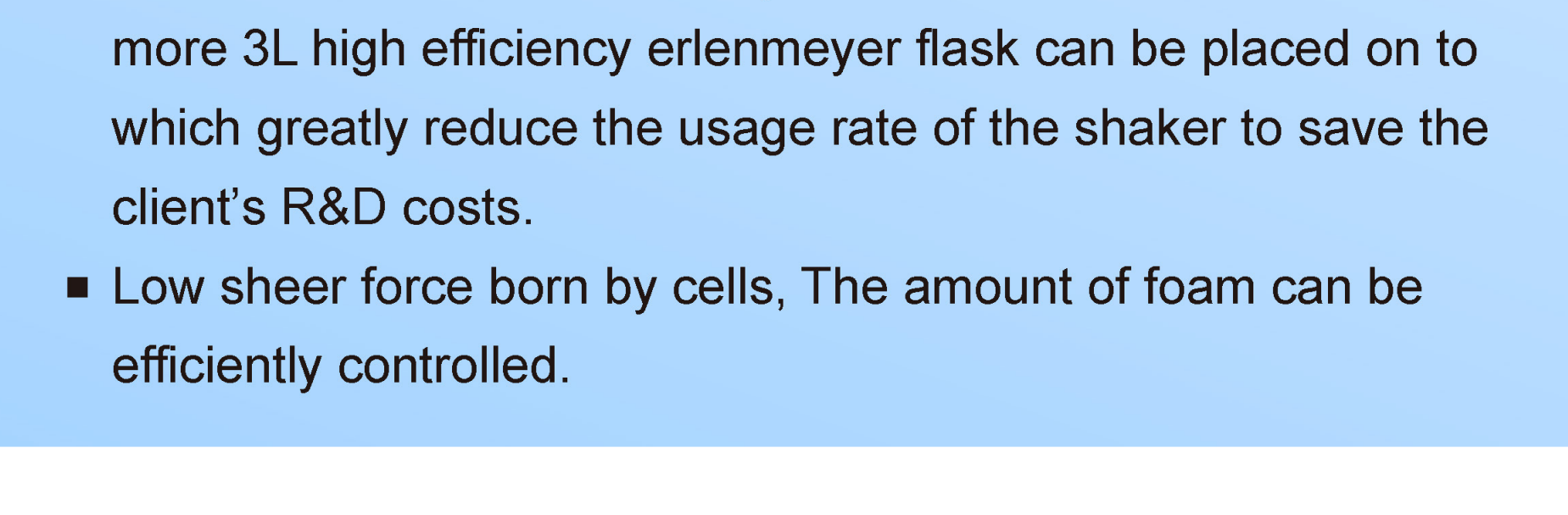
Sterile individual package, easy to use.

## Design Characteristics of High Efficiency Erlenmeyer Flasks

- The lower edge of the cover is thickened and widened for better leak proofing.
- The designs of 2L/3L flasks are optimized with lengthened neck convenient for customers to grip and can avoid that the hand of the customer is too close to the flask mouth when pouring liquid or holding the flask. Meet the aseptic operating practices of pharmaceutical companies.
- The 5L high efficiency erlenmeyer flask is designed with an detachable handle to solve the problem that liquid enters the cavity of the one-piece infected handle as residue. The handle is detachable for flexible application.
- The bottom area and opening size of the NEST high efficiency erlenmeyer flask are exactly the same as those of the Thomson.



## High Efficiency Erlenmeyer Flask Vs Conical Erlenmeyer Flask



- The bottom area of 3L high efficiency erlenmeyer flask is smaller than conical erlenmeyer flask. For a same shaker, more 3L high efficiency erlenmeyer flask can be placed on to which greatly reduce the usage rate of the shaker to save the client's R&D costs.
- Low shear force born by cells, The amount of foam can be efficiently controlled.