

Product Name:	Erlenmeyer Flask & High Efficiency Erlenmeyer Flask (Baffled-bottom)
Product Application:	NEST baffled Erlenmeyer Flasks is suitable for the cultivation of suspension cells and bacteria. The groove design at the bottom of the flask makes the culture medium form a vortex during the flow process, which can increase the contact area with oxygen and increase the amount of dissolved oxygen. The effect of culture is close to that of the Bioreactor, which can effectively improve the experimental results. Erlenmeyer flasks with baffle has strong cell viability and high protein expression in mammalian cell and insect cell culture. Erlenmeyer flasks with baffle are available in two designs: Erlenmeyer flask & High-efficiency Erlenmeyer flask.
Product Materials:	PC/PETG (bottle) &PP (cap), meets <i>USP, Class VI standards.</i> Nylon (Handle), PTFE (membrane)
Product Shelf Life:	Temperature range: stored at room temperature Shelf life: 5 Years after date of production (ensure package is in good)
Sterilization:	Yes. Sterilized by E-beam, Sterility Assurance Level: SAL=10⁻⁶. The product has been irradiated and dosimetrically released based on ANSI/AAMI/ISO 11137
Pyrogens:	Non-Pyrogenic
RNase/DNase:	DNase/RNase free
BSE/TSE:	These products are deemed animal free.
Performance Testing:	Each manufacturing lot is sampled and tested in accordance with standard operating procedures. Appearance inspection: qualified Sealing test: qualified Cell culture test: qualified Packaging inspection: qualified
Features	1. The flask is made of medical polycarbonate (PC), which meets the ISO 10993 USP<661> Standard, has high transparency, strong impact resistance, oxidation resistance and can withstand a high temperature up to 121°C. 2. The vent cap with 0.22 µm pore size PTFE membrane, can effectively prevent the entry and exit of microorganisms. 3. The groove design at the bottom increases the contact area between cells and air and improves the efficiency of gas exchange, making the dissolved oxygen more adequate. 4. The product has undergone sealing test, drop test, high temperature and pressure test, flatness test, tensile test, endotoxin test, sterility test, DNase/RNase. 5. Electron beam sterilization, SAL=10⁻⁶. 6. Individually packaged.

Head Office

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Oversea

NEST USA (New Jersey/ Phoenix)
NEST Scientific 株式会社 (Yokohama, Japan)
NEST Scientific Europe B.V (Netherlands)
NEST Scientific (MENA) FZE (Sharjah, United Arab Emirates)

Product Range

Erlenmeyer flask (Baffled-bottom)

Cat. No.	Volume	Cap	Bottle	/Pack	/Case
781201	125 mL	Seal Cap	PC	1	24
781211	125 mL	Vent Cap	PC	1	24
782201	250 mL	Seal Cap	PC	1	12
782211	250 mL	Vent Cap	PC	1	12
783201	500 mL	Seal Cap	PC	1	12
783211	500 mL	Vent Cap	PC	1	12
784201	1 L	Seal Cap	PC	1	6
784211	1 L	Vent Cap	PC	1	6
786005	3 L	Seal Cap	PC	1	4
786015	3 L	Vent Cap	PC	1	4
781301	125 mL	Seal Cap	PETG	1	24
781311	125 mL	Vent Cap	PETG	1	24
782301	250 mL	Seal Cap	PETG	1	12
782311	250 mL	Vent Cap	PETG	1	12
783301	500 mL	Seal Cap	PETG	1	12
783311	500 mL	Vent Cap	PETG	1	12
784301	1 L	Seal Cap	PETG	1	6
784311	1 L	Vent Cap	PETG	1	6

Cap for Erlenmeyer flask

Cat. No.	Product Description	Volume	/Pack	/Case
781925	Seal Cap	125 mL	1	25
781935	Vent Cap	125 mL	1	25
782925	Seal Cap	250 mL	1	25
782935	Vent Cap	250 mL	1	25
783925	Seal Cap	500 mL & 1 L	1	25
783935	Vent Cap	500 mL & 1 L	1	25
785903	Seal Cap	2 L	1	20
785913	Vent Cap	2 L	1	20
786903	Seal Cap	3 L	1	20

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786913	Vent Cap	3 L	1	20
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High-efficiency Erlenmeyer flask (Baffled-bottom)

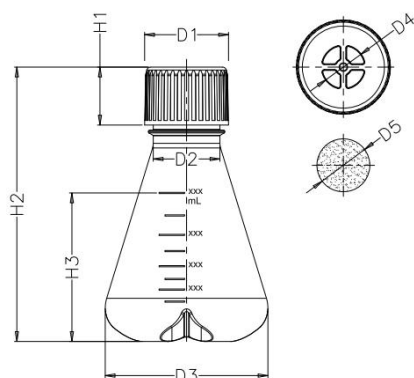
Cat. No.	Volume	Cap	Bottle	/Pack	/Case
785105	2 L	Seal cap	PC	1	4
785115	2 L	Vent cap	PC	1	4
786105	3 L	Seal cap	PC	1	4
786115	3 L	Vent cap	PC	1	4
787005	5 L	Seal cap	PC	1	4
787015	5 L	Vent cap	PC	1	4
786505	3 L (Wild-mouth)	Seal cap	PC	1	4
786515	3 L (Wild-mouth)	Vent cap	PC	1	4

Cap for High-efficiency Erlenmeyer flask

Cat. No.	Product Description	Volume	/Pack	/Case
786903	Seal Cap	2 L & 3 L	1	20
786913	Vent Cap	2 L & 3 L	1	20
787903	Seal Cap	3 L (Wild-mouth) & 5 L	1	20
787913	Vent Cap	3 L (Wild-mouth) & 5 L	1	20

Technical Drawing

125-1000mL Erlenmeyer flask



compatibility	Dimension							
	D1	D2	D3	D4	D5	H1	H2	H3
125mL (baffled)	38.00	29.30	65.80	14.85	22.50	29.50	115.00	59.20
250mL (baffled)	42.80	34.00	83.00	21.65	27.00	29.50	139.70	73.10
500mL (baffled)	48.00	39.00	101.00	21.65	27.00	29.50	179.00	104.50
1000mL (baffled)	48.00	39.00	128.00	21.65	27.00	29.50	207.70	142.40
125mL (flat)	38.00	29.30	65.80	14.85	22.50	29.50	113.00	57.20
250mL (flat)	42.80	34.00	83.00	21.65	27.00	29.50	139.70	73.10
500mL (flat)	48.00	39.00	101.00	21.65	27.00	29.50	178.00	103.50
1000mL (flat)	48.00	39.00	128.00	21.65	27.00	29.50	204.20	138.90

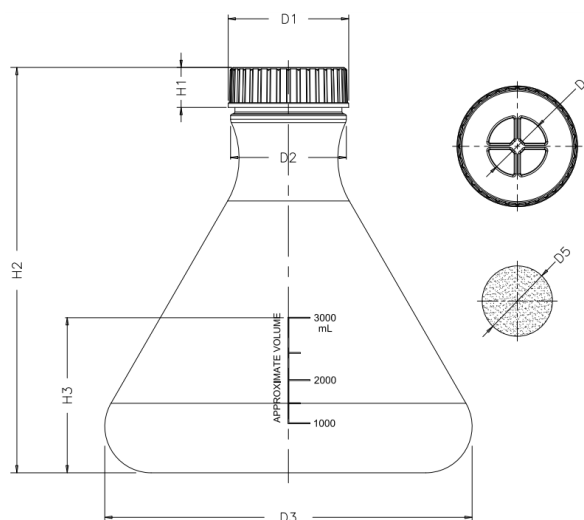
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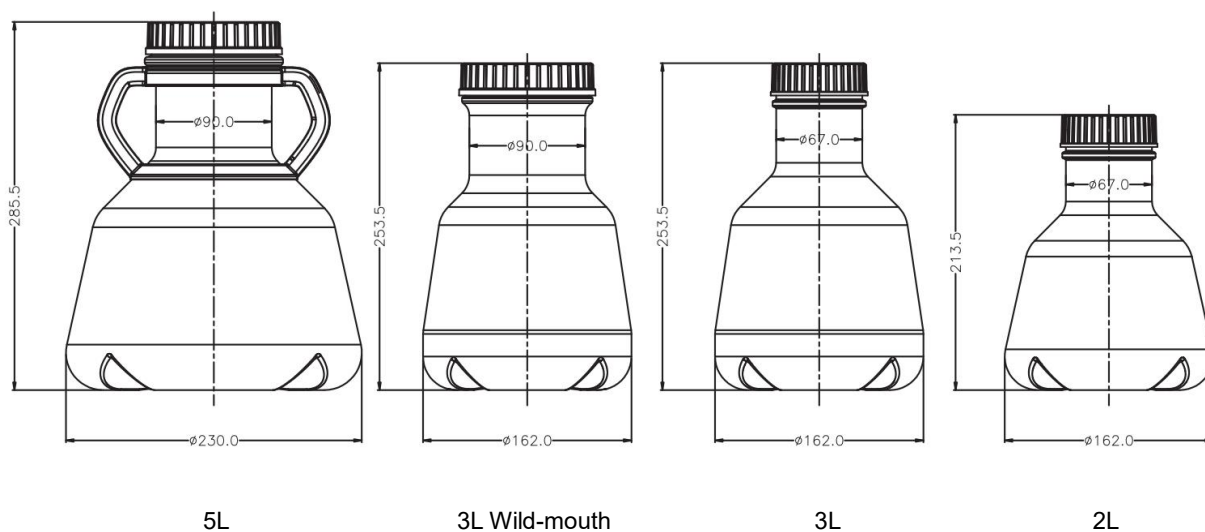
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3L Erlenmeyer flask (Baffled-bottom)



Compatibility	Dimension							
	D1	D2	D3	D4	D5	H1	H2	H3
3L	75.50	72.50	230.00	36.00	44.00	25.00	253.50	97.00

High - efficiency Erlenmeyer flask (Baffled-bottom)



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