

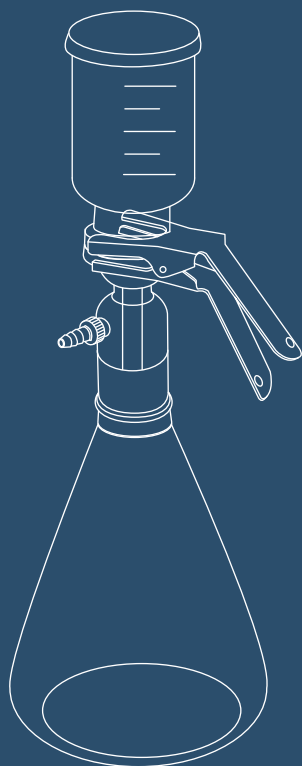
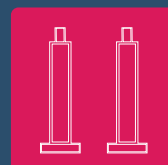
2019-2020

# SOFIA

Membrane Filtration Solutions

## Laboratory Filtration

Focus on  
laboratory sample filtration solutions



บริษัท ซี.อี. อินสตรูमेंท์ (ประเทศไทย) จำกัด  
68/876 หมู่ 8 ถนนรัตนาธิเบศร์ ต. บางกระสอ  
อ. เมืองนนทบุรี จ. นนทบุรี 11000  
โทรศัพท์ 02 9658971-3 โทรสาร 02 9658974

Email : sales@cethailand.com www.cethailand.com

TIANJIN SCICHRO TECHNOLOGIES CO., LTD.



## GLASS FILTRATION SETS

47mm / 50mm

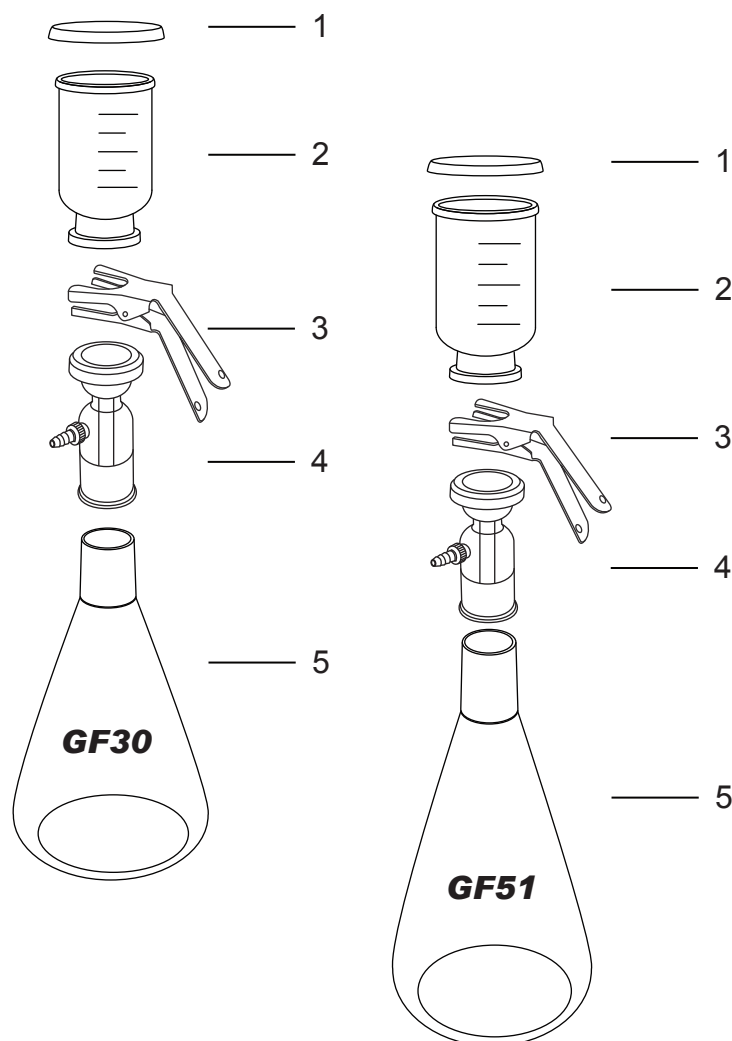
### Feature

- Adopt high quality borosilicate glass with good pressure resistance, acid and alkali resistance, can be autoclavable at 121°C.
- Ideal for purifying and degassing of mobile phase organic and corrosive solvents in HPLC analysis to prolong the service life of instrument and column.
- Port thread is made of PBT material, acid and alkali resistance, high temperature resistance.



**GF30**

**GF51**



### GF30

#### Material

1 – Funnel lid	Stainless steel
2 – Filter funnel	borosilicate glass
3 – Clamp	Anodized alum.
4 – Funnel support base	borosilicate glass
5 – Received flask	borosilicate glass

#### Specification

Funnel capacity	300ml
Flask capacity	1000ml
Membrane support	Sintered glass
Filter diameter	47mm–50 mm
Effective filtration area	9.6cm <sup>2</sup>
I.D.tube	8mm

### GF51

#### Material

1 – Funnel lid	Stainless steel
2 – Filter funnel	borosilicate glass
3 – Clamp	Anodized alum.
4 – Funnel support base	borosilicate glass
5 – Received flask	borosilicate glass

#### Specification

Funnel capacity	500ml
Flask capacity	2000ml
Membrane support	Sintered glass
Filter diameter	47mm–50 mm
Effective filtration area	9.6cm <sup>2</sup>
I.D.tube	8mm



## GLASS FILTRATION SETS

47mm / 50mm

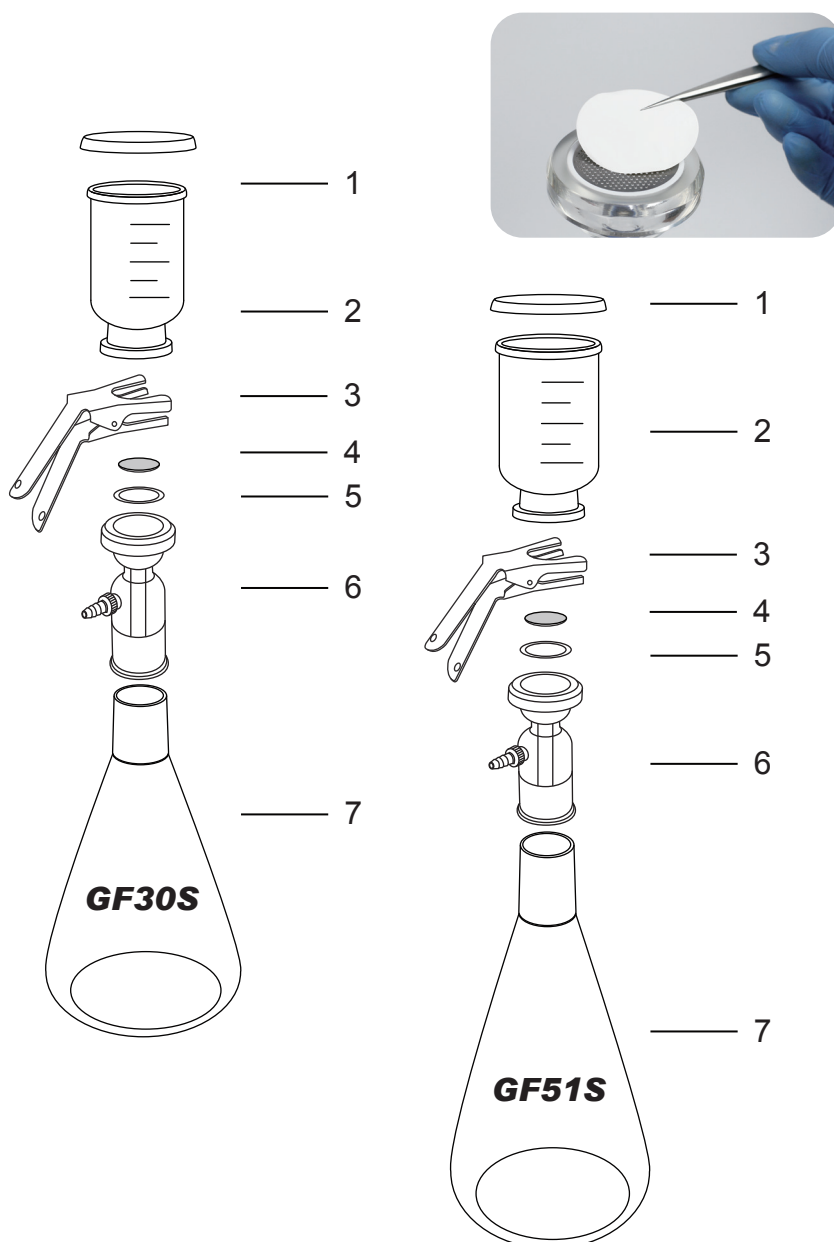
### Feature

- Adopt high quality borosilicate glass with good pressure resistance, acid and alkali resistance, can be autoclavable at 121°C.
- Ideal for purifying and degassing of mobile phase organic and corrosive solvents in HPLC analysis to prolong the service life of instrument and column.
- SS support screen with PTFE gasket design for easy cleaning.
- Port thread is made of PBT material, acid and alkali



**GF30S**

**GF51S**



### GF30S

#### Material

1 – Funnel lid	Stainless steel
2 – Filter funnel	borosilicate glass
3 – Clamp	Anodized alum.
4 – Support screen	Stainless steel
5 – Gasket	PTFE
6 – Funnel support base	borosilicate glass
7 – Received flask	borosilicate glass

#### Specification

Funnel capacity	300ml
Flask capacity	1000ml
Filter diameter	47mm–50 mm
Effective filtration area	9.6cm <sup>2</sup>
I.D.tube	8mm

### GF51S

#### Material

1 – Funnel lid	Stainless steel
2 – Filter funnel	borosilicate glass
3 – Clamp	Anodized alum.
4 – Support screen	Stainless steel
5 – Gasket	PTFE
6 – Funnel support base	borosilicate glass
7 – Received flask	borosilicate glass

#### Specification

Funnel capacity	500ml
Flask capacity	2000ml
Filter diameter	47mm–50 mm
Effective filtration area	9.6cm <sup>2</sup>
I.D.tube	8mm

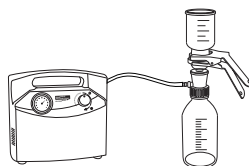


## STORAGE BOTTLE FILTRATION SETS

47mm / 50mm

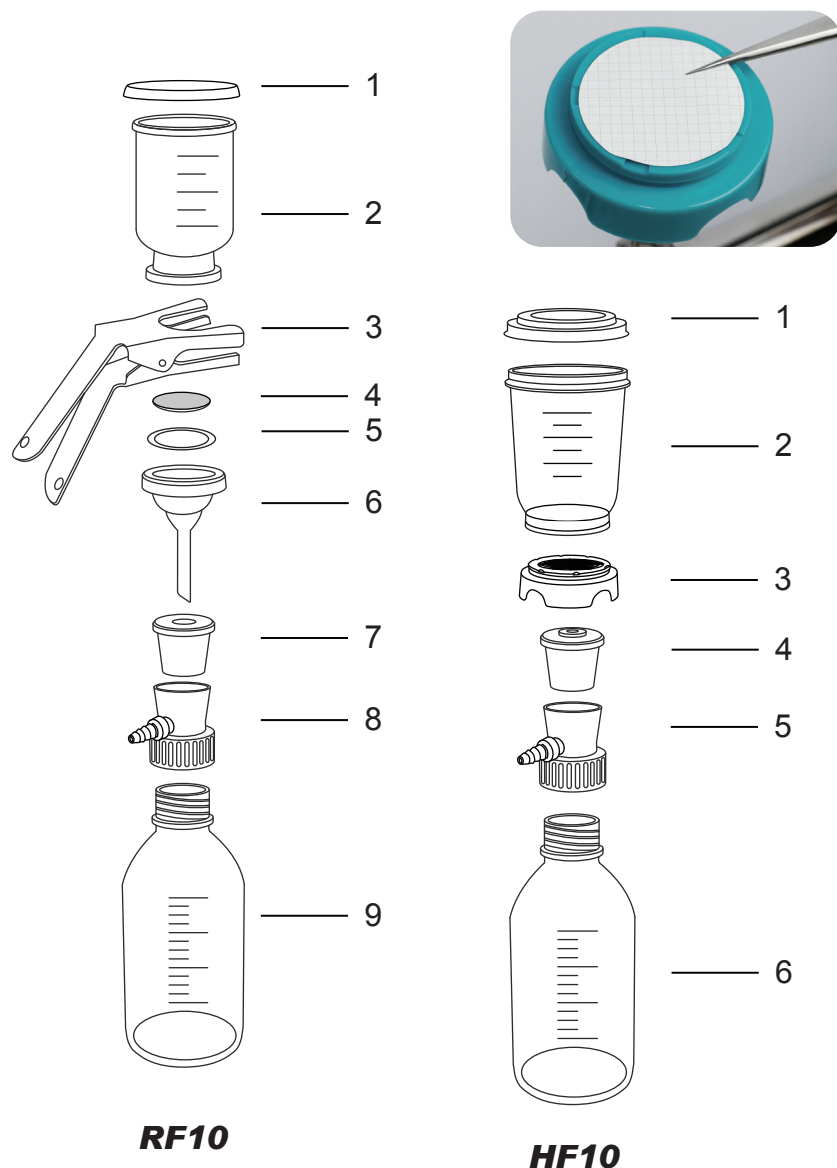
### Feature

- Unique filtration adaptor design can be directly connect with GL45 storage bottle, and replace any GL45 thread of various specifications of the storage bottle.
- After purification of solvents can be directly used for filtration of mobile phase in HPLC analysis, without the need of being transferred from the filtering flask.
- Adopt high quality borosilicate glass with good pressure resistance
- Filtration adaptor and PP funnel can be Acid and alkali resistance, also autoclavable at 121°C



**HF10**

**RF10**



**RF10**

**HF10**

### RF10

Material	
1 – Funnel lid	Stainless steel
2 – Filter funnel	Borosilicate glass
3 – Clamp	Anodized alum.
4 – Support screen	Stainless steel
5 – Gasket	PTFE
6 – Funnel support base	Borosilicate glass
7 – Silicone stoppor	Silicone rubber
8 – Filtration adaptor	PP
9 – Storage bottle	Borosilicate glass
Specification	
Funnel capacity	300ml
Flask capacity	1000ml
Filter diameter	47mm–50 mm
Effective filtration area	9.6cm <sup>2</sup>
I.D.tube	6–8mm

### HF10

Material	
1 – Funnel lid	PP
2 – Filter funnel	PP
3 – Funnel support base	PP
4 – Silicone stopper	Silicone rubber
with flow tube	Stainless steel
5 – Filtration adaptor	PP
6 – Storage bottle	borosilicate glass
Specification	
Funnel capacity	280ml
Flask capacity	1000ml
Filter diameter	47mm–50 mm
Effective filtration area	9.6cm <sup>2</sup>
I.D.tube	6–8mm