



## Small type membrane filter press

Membrane filter press adopts international advanced TPE membrane technology so that it ensures stable performance and long life-span, and widely used for various industries.

**Especially for viscous materials, it has a unique filtering effect.**

Cake from membrane filter press can be secondly squeezed under max 1.6Mpa by water to realize the lowest cake residual moisture.

Membrane filter press is one kind filter press that using the membrane filter plates. In the process of operation, in the end of feeding the material, high hydraulic liquid or gas(0.8-2.0mpa) medium can enter into membrane plate, then the whole membrane will expand to compress filter cake, and filter cake will be further dewatered, which is usually called membrane squeeze





# 郑州高德机械设备有限公司

## Gaode Equipment Co., Ltd.

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### Technical parameters:

Model	XMY1/250
Filter Area	1m <sup>2</sup>
Plate Size	250*250mm
Cake Thickness	15mm
Chamber Vol.	8L
Plate No.	7pcs
Filtration Pressure	0.6-1Mpa
Machine Material	Carbon Steel, covered with 304 stainless steel
Plate Material	Polypropylene(PP)

Note: The filter press can be customized

### Features:

- A. The whole machine is wrapped in stainless steel 304, clean and hygienic, suitable for laboratories and pharmaceutical industries
- B. Comes with a drip tray, which can be used to recover filter cake and filtrate
- C. The whole machine is small in size and light in weight, and the trolley design is easy to move
- D. The use of low pressure filtration and high pressure can greatly shorten the entire filtration cycle.
- E. The material is TPE elastomer, the feeding pressure can reach 1MPa, and the pressing pressure can reach 1.6MPa.
- F. The moisture content is greatly reduced, saving subsequent costs.
- G. Squeeze can choose air, inert gas, water, oil and other fluid media to meet the needs of different industries.



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H. Strong corrosion resistance, basically suitable for all solid-liquid separation operations.

I. Membrane filter plate has the characteristics of anti-fatigue, anti-aging and good sealing performance.

## Details:

Stirring motor (pneumatic/electric)

Filter plate(chamber plate+membrane plate)

Hand pump

Hydraulic jack

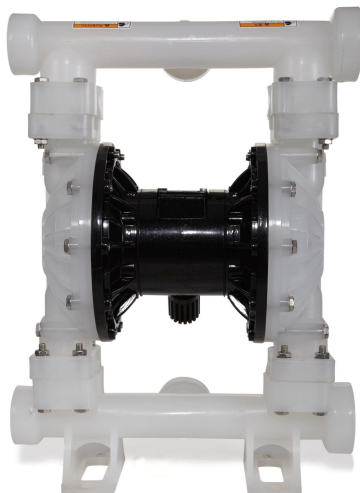
Mixing tank

Pneumatic diaphragm pump

Drip tray(used to collect liquid or cake)

Trolley

## Pneumatic diaphragm pump:





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### Application:

The small type membrane filter press is mainly used in laboratory, medicine, chemistry, food, etc. Use a small amount of mixture to get the result in a short time while saving time and material costs



### Packaging:

In order to protect our membrane filter press and avoid damage during transportation, we always adopt plywood box. The customized service also provided.





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### Factory:

