

## YGPF Series Filter

High-Viscosity Fluid Specialist · Mechanical Scraping · Continuous Filtration

Designed for high-viscosity fluids up to 800Pa.s. Uses mechanical scraper system with 30-1500 $\mu$ m adjustable accuracy and 10Bar pressure rating. Durable metal screen with scraping mechanism reduces media replacement, enabling automated, enclosed operation for economical high-viscosity processing.



### Core Challenges

Rapid media clogging with viscous materials  
High operational costs from frequent media replacement  
Unstable flow due to increasing pressure drop  
Low product recovery from material adhesion

### Applications

Petrochemical: Lubricating oil, heavy oil, polymer melt purification  
Food industry: Syrup, jam, chocolate clarification  
Chemical materials: Resin, latex, adhesive impurity removal  
Biopharma: Steroid extracts, fermentation broth separation  
Energy/Environment: Coal tar, biofuel, waste oil filtration

### Key Features

Mechanical scraping extends media life  
Optimized for stable flow with viscous/solid-containing fluids  
Automated enclosed continuous operation  
Low-pressure-drop energy-saving design  
High-concentration waste discharge

### Value

Reduces media replacement frequency and downtime while ensuring filtration accuracy, providing a stable, cost-effective solution for high-viscosity fluid processing.



## YGPF Series

## CUSTOM DESIGN AND MANUFACTURING AVAILABLE

Model of Filter	Model of Cartridge	Housing size	Inlet/Outlet	Qty of Cartridge	Size of Cartridge	Volume L
219	P13	DN200	DN25	1	Ø140x300	14
273	P17	DN250	DN40	1	Ø180x300	22
325	P23	DN300	DN50	1	Ø240x300	30
426	P32	DN400	DN80	1	Ø340x300	60