

DXZF Series Filter

High-Pressure Modular · Intelligent Maintenance · Precision Filtration

Multi-candle modular design withstands 100 bar pressure with 0.1-100µm accuracy. Quick-change structure improves filter replacement efficiency by 70%, supports automation and remote monitoring. Ideal for food, chemical, and biopharmaceutical continuous production.



Core Challenges Addressed

- Sealing reliability under high pressure
- Time-consuming maintenance and long downtime
- Poor process adaptability
- Manual operation requirements

Main Applications

- Food & beverage: Syrup, juice, fermentation broth filtration
- Chemical: PTA catalyst recovery, high-pressure processing
- Biopharma: Cell separation, crystallization, vaccine purification
- Environmental: High-solid wastewater, precious metal recovery

Core Advantages

- 100 bar pressure rating, customizable for higher pressures
- Modular quick-change design for efficient maintenance
- Compatible with metal, ceramic, and polymer cartridges
- Meets GMP/food-grade standards

Value Proposition

Reduces unplanned downtime, lowers operational costs, and supports continuous high-standard production through high-pressure resistance, precision filtration, and smart maintenance.

DXZF Series
CUSTOM DESIGN AND MANUFACTURING AVAILABLE

Model of Filter	Model of Cartridge	Housing size	Inlet/Outlet	Qty of Cartridge	Size of Cartridge	Flow Rate t/h
D600	S750	DN600X2100	DN50	30	Ø60	25
D700	S750	DN700X2200	DN80	55	Ø60	45
D800	S750	DN800X2350	DN80	64	Ø60	55
D900	S750	DN900X2500	DN100	85	Ø60	70
D1000	S1000	DN1000X3000	DN125	100	Ø60	115
D1100	S1000	DN1100X3200	DN150	125	Ø60	145
D1200	S1000	DN1200X3450	DN150	150	Ø60	175
D1500	S1500	DN1500X4150	DN250	240	Ø60	405
D1600	S1500	DN1600X4350	DN250	280	Ø60	475
D1800	S1500	DN1800X4800	DN300	360	Ø60	605
D2000	S1500	DN2000X5000	DN300	450	Ø60	760