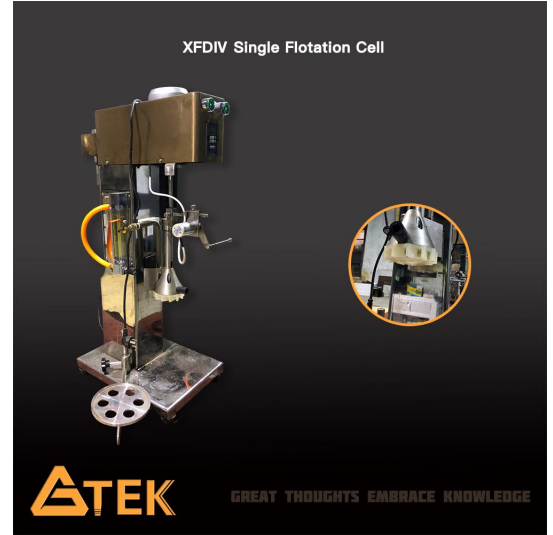


GTEK Laboratory Single Flotation Cell Brochure



XFD-I Model



XFD-IV Model

Description

XFD Series Single Flotation Cell can be used for mixing, separation, cleaning, mineral sample concentration in the laboratory room of mineral processing plant, universities and research institutions, and also in geology, metallurgy, construction, chemistry, and coal industry.

XFD-I Single Flotation Cell

Technical Specification

Model	Cell Vol. (L)	Impeller Dia. (mm)	Impeller Speed (r/min)	Scrapper Speed (r/min)	Feed Size (mm)	Pwr (W)	Wght (kg)	Dimensions (L×W×H)		
XFDI-0.5	0.5	Φ45	2416	15/30	<0.2	90	30	440	320	750
XFDI-0.75	0.75	Φ45	/2109							
XFDI-1	1	Φ55	1956				40	440	320	840
XFDI-1.5	1.5	Φ60	1764							
XFDI-3	3	Φ70	/1572				50	440	320	890
XFDI-8	8	Φ80	1400							

XFD-II Single Flotation Cell

Advantages

- Converter technology, stepless speed adjustment of impeller and with LCD digital display;
- Easy and accurate adjustment, reliable operation;
- Liquid level and air filling volume adjustable, with speed digital display device and water make-up device.

Technical Specification

Model	Cell Vol. (L)	Impeller Dia. (mm)	Impeller Speed (r/min)	Scraper Speed (r/min)	Feed Size (mm)	Pwr (W)	Wght (kg)	Dimensions (L×W×H)		
XFDII-0.5	0.5	Φ45	0-2800 stepless	15/30	<0.25	120	30	420	320	750
XFDII-0.75	0.75	Φ45					30			
XFDII-1	1	Φ55					35	440	320	840
XFDII-1.5	1.5	Φ60					40			
XFDII-3	3	Φ70					50	440	320	890
XFDII-8	8	Φ80					80	730	450	900

XFD-III Single Flotation Cell

Advantages

As a new generation of XFD products, XFDIII Single Flotation Cell has the following features:

- Introduces converter technology, stepless speed regulation of impeller and digital display;
- Self gas suction is changed to gas inflation from outside. Accurate adjustment is available. Displaying is clear and stable;
- **Equipped with micro-computer controlled heater**, which is available for real-time adjustment and displaying of temperature. Ore liquid can be kept at optimal temperature level according to requirements.

Technical Specification

Model	Cell Vol. (L)	Impeller Dia. (mm)	Impeller Speed (r/min)	Scraper Speed (r/min)	Feed Size (mm)	Pwr (W)	Wght (kg)	Dimensions (L×W×H)		
XFDIII-0.5	0.5	Φ45	0-2800 stepless	15/30	<0.25	120	30	440	320	750
XFDIII-0.75	0.75	Φ45					30			
XFDIII-1	1	Φ55					35	440	320	840
XFDIII-1.5	1.5	Φ60					40			
XFDIII-3	3	Φ70					50	440	320	890
XFDIII-8	8	Φ80					80	730	450	900

XFD-IV Single Flotation Cell

Advantages

XFD-IV is the upgraded model of XFD-III, it retains all the advantages of XFD-III, and added a scraper with stepless speed regulation.

Technical Specification

Model	Cell Vol. (L)	Impeller Dia. (mm)	Impeller Speed (r/min)	Scraper Speed (r/min)	Feed Size (mm)	Pwr (W)	Wght (kg)	Dimensions (L×W×H)		
XFDIV-0.5	0.5	Φ45	0-2800 stepless	0-30 (stepless regulation)	<0.2	120	30	620	300	825
XFDIV-0.75	0.75	Φ45								
XFDIV-1	1	Φ55								
XFDIV-1.5	1.5	Φ60								
XFDIV-3	3	Φ70								

