

# Laboratory Hydrocyclone Brochure

## Description

FX hydrocyclone is one of the most important devices in the minerals industry. It is widely used in the mineral industry processing as a classifier, which has proved extremely efficient at fine separation size. Laboratory hydrocyclone can be used in closed circuit grinding operations for general laboratory application, it also has many other applications, such as desliming, degritting, and thickening.



## Advantages

- Simple structure, long service time;
- No moving parts;
- Easy installation and to operation;
- High efficiency.

## Technical Specification

Model	FX10	FX25	FX50	FX75	FX100
Interior Diameter (mm)	10	25	50	75	100
Feed Pressure (MPa)	0.1-0.6	0.1-0.6	0.1-0.4	0.1-0.4	0.1-0.3
Cone Angle (°)	8	8	8	8	8
Separation Size (µm)	1-5	5-20	5-40	10-40	20-50
Vortex Finder (mm)	-	5,6,7	7.5,9,11	17	20, 30
APEX (mm)	-	1,2,3	2,3,4	4,5,6,8,10,12	14-30
Capacity (m <sup>3</sup> /hr)	0.05-0.1	0.3-1	2-5	5-10	6-25
Weight (kg)	0.5	1	2	4	8