

FTC-B255FS

Flushed water system prevent the drain from clogging with polished waste.

This saves your time to clean up the machine.

- Silent operation is realized by the tough machine body.
- Simple design with handleability.
- Many kinds of sample fixing jig can be used on the stage.



FTC-B255FS

MODEL		FTC-B255FS
ITEM		SPECIFICATIONS
Design / Structure		Benchtop Type (Base: Aluminum Casting / Cover: Steel Sheeting with Hard Acrylic Window)
Polishing Wheel	Motor	Front Door Interlock during Cutting (The main shaft motor does not operate when the door is open)
Doors	Front	Up-and-Down Open Door with Hard Acrylic Windows
	Left Hand Side	Small Slide Door for inserting long specimen
Max Available Sample Size	Cylindrical	In case ϕ 230mm Cutting Wheel: Max ϕ 60mm In case ϕ 255mm Cutting Wheel: Max ϕ 70mm
Cutting Wheel	Dimensions	Outer Dia.: ϕ 230/255mm x Inner Dia.: ϕ 31.75mm x T1.2mm
	Flange	Outer Dia.: ϕ 60mm
	Rotary Speed	3420rpm-60Hz / 2850rpm-50Hz
	Main Motor	3HP / 2.2KW / AC3P Induction Motor
Movable Sample Stage	Structure	Fixed Type
	Dimensions	W225 x 220mm with 4 T-slots (X direction: 6 slots each with 10mm width) for fixing various vice and jig
Sample Fixing Vise		Various kinds of Vise and Fixing Jigs attachable on Stage (OPTION)
Special Sample Fixing Jig		
Cooling Section	Structure	Separate Type / Double Tank Type (with Steel Mesh Filter)
	Cut Powder Separator	Magnet Separator (OPTION)
	Coolant Tank Capacity	25L
	Circulation Pump	1/4HP
	Coolant Capacity	30L/min
	Water Nozzle	for Cutting Sample: 2pcs / for Cleaning Chamber: 1pc
Inner Illumination		LED Light: 1pc
Machine Dimensions		W650 x D700 x H405mm
Machine Weight		120kg
Coolant Tank	Cooling Device Dimensions	W410 x D340 x H565mm (OPTION)
	Cooling Device Weight	18kg (OPTION)
Power Supply		3P-AC200 ~ 240V / 50Hz, 60Hz (OPTION: 3P-AC380V)
Standard Accessories		Cutting Wheel: ϕ 255mm x 2pcs Wrench: 2pcs / Coolant: 1L x 1btl