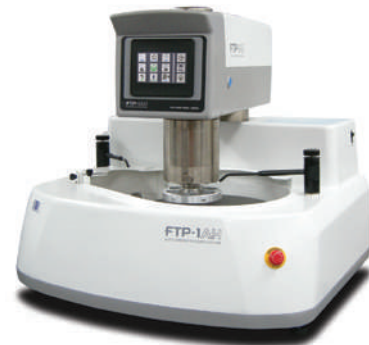


FTP-1AH

Flush water system prevent the drain from clogging with polishing waste.

This saves your time to clean up the machine.

- Sample holder can be quickly and easily washed by simply sliding the head to the washing tub.
- Individual pressure or central pressure can be selected.
- Large LCD touch panel is easy to see and it has various user friendly functions.



FTP-1AH

MODEL		FTP-1AH		
ITEM		SPECIFICATIONS		
Polishing Wheel	Size (Specified at P/O)	φ 300mm (12") / φ 250mm (10") / φ 200mm (8") (Aluminum Wheel with Hard Plating)		
	Rotary Motor	Motor / 400W		
	Rotary Speed	0 ~ 600rpm (Variable)		
Wheel Cooling Device		Water-Cooled System by Manual Type Nozzle (Pouring water activate only during wheel rotating.)		
Water Supply		External Water Supply / INLET: Bore of Hose: φ 15mm		
Cleaning & Drainage		Automatic Sludge Cleaning and Drainage through Sample Holder Washing Cabin during Automatic Operation (Water Current Direction: CW)		
Automatic Polishing System (Auto-Head)	Rotary Motor	Motor / 200W		
	Rotary Speed	0 ~ 180rpm (Variable)		
	Rotary Direction	CW/CCW (Wheel + head, combination of rotary direction is optional to set.)		
	Sample Downthrust Method	by Pneumatic Pressure: Central Air Cylinder x 1pc / Individual Air Cylinder x 6pcs		
	Pressure Range (on Center of Sample Holder)	Central: 52 ~ 400Nf / 11.8 ~ 90.71lbf / 5.31 ~ 40.82kgf		
	Pressure Range (on Individual Sample)	Individual: 5 ~ 100Nf / 1.13 ~ 22.6lbf / 0.51 ~ 10.2kgf φ 40mm or less: Max 6pcs		
	Air Source	0.6 ~ 1.0Mpa φ 6mm		
	Sample Holder (OPTION)	Mounted Sample Number at once		
		Central Pressure:	φ 25、30、32mm	Max 9pcs
		Central Pressure:	φ 40mm	Max 4pcs
Central Pressure:		φ 50mm	Max 3pcs	
Individual Pressure:		φ 40mm or less	Max 6pcs	
Individual Pressure:	φ 50mm	Max 3pcs		
Program Setting	Setting & Display for Operation Wheel Rotary Speed / Wheel Rotary Direction / Auto-Head Rotary Speed / Auto-Head Rotary Direction / Polishing Time / Sample Fixing Force / Auto-Head Up-Down / Wheel Coolant Water ON-OFF			
Sample Holder Washing Cabin		Built-in Type Special Cabin Equiped Water / Air Spray Nozzle inside For washing sample holder after each polishing cycle completed [STANDARD]		
Machine Dimesions		W750 x D675 x H670mm		
Machine Weight		120kg		
Power Supply (Specified at P/O)		1P / AC200 ~ 230V / 50, 60Hz: Fixed		
Power Consumption		Max. 700W (400W for polishing wheel, 200W for auto-head iclusive):		
Standard Accessories		Polishing wheel φ 300mm: 1pc. (it is changeable from φ 300mm to φ 250mm when to order) / 2000mm supply hose, 2000mm exhaust hose: 1pc. each. (hose holder attached) / 3000mm power cable: 1pc.		

FTP-1AX / FTP-2AX

Grinding & polishing machine attached with auto-head is easily operative silent and durable.

- Aut-head reduces operators' burden.
- Multiple settings of grinding & polishing are available to Reserve & Call.
- Ceramic valve is adopted for water supply section.
- ϕ 200mm polishing wheel is equipped as standard.



FTP-1AX



FTP-2AX

MODEL	FTP-1AX	FTP-2AX	
ITEM	SPECIFICATIONS		
Design/Structure	Bench Top Type/Solid Aluminium Frame + Hard Coated FRP Cover		
Polishing Wheel	Number	Single	
	Size	ϕ 200mm	
	Rotary Motor	400W	
	Rotary Speed	0 ~ 800rpm (Variable)	
	Rotary Direction	CCW/CW (Changeable)	
Polish Settings	Rotary Direction, Rotary Speed, Time (Both Polishing Wheel & Auto-Head are available to Set. Up to 9 Kinds are available to Set & Reserve.)		
Alarm Buzzer	Installed (Alarm shall be activated after Completing all Process).		
How to Operate	Manual/Automatic Selective		
Wheel Cooling Device	Water-Cooled System by Manual Nozzle Type.		
Water Supply	External Water Supply / Inlet Nozzle Outer dia. ϕ 9.53mm / Exhaust Nozzle Outer dia. ϕ 31.8mm		
Automatic Polishing System (Auto-Head)	Rotary Motor	DC24V 80W	
	Rotary Speed	0 ~ 150rpm (Variable)	
	Rotary Direction	CCW/CW (Changeable)	
	Sample Holder	Number: 3pcs.	
		Size: ϕ 32mm (Changeable to ϕ 25、30、40mm when to Order)	
	Sample Down Thrust Method	Individual Air Pressure Method (Max. Sample Height 25mm.)	
Pressure Range	Individual : 0~3Kgf Adjustable		
Machine Dimensions	W556×D652×H557mm	W796×D726×H557mm	
Machine Weight	54 kg	75 kg	
Power Supply	1P AC200 ~ 240V Cable Length 2500mm		
Power Consumption	Max. 600W (400W for polishing wheel, 80W for auto-head inclusive):		
Standard Accessories	Water Supply Hose 2000mm, Exhaust Hose 2000mm: 1pc. Each/Alumina powder 0.3 μ 100g: 1pc/ Bottle: 1pc/Polishing Cloths X 2/Polishing Paper P600 X 2, P800 X 2, P1200 x 2/Accessory Box: 1pc.		



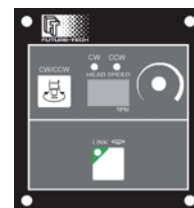
Rear of Machine



Sample Holder



Main unit control panel



Auto head control panel (FTP-AX series)

FTP-1MX / FTP-2MX

Basic type sample polishing machine is easy-operative, silent & durable.

- Multiple settings of polishing are available to reserve & call.
- Ceramic valve is adopted for water supply section.
- Wheel size of $\phi 200\text{mm}$, $\phi 250\text{mm}$ is selective. (Option)



FTP-1MX



FTP-2MX

MODEL	FTP-1MX	FTP-2MX	
ITEM	SPECIFICATIONS		
Design/Structure	Bench Top Type/Solid Aluminium Frame + Hard Coated FRP Cover		
Polishing Wheel Part (*Polishing Wheel is Optional)	Number	Single	Double
	Size	$\phi 200\text{mm}$ · $\phi 250\text{mm}$ are Available to Select when to Order. (*Option) Left & Right, Different Size of Polishing Wheel can be Attached. (for FTP-2MX only)	
	Rotary Motor	400W	
	Rotary Speed	0 ~ 800rpm (Variable)	
	Rotary Direction	CCW/CW (Changeable)	
Optional Types of Polishing Wheel Part	Select from the following depending on the application. $\phi 200\text{mm}$ Polishing Wheel / $\phi 200\text{mm}$ Fixing Ring for Polishing Wheel / $\phi 250\text{mm}$ Polishing Wheel / $\phi 250\text{mm}$ Fixing Ring for Polishing Wheel		
Setting of Polishing	Rotary Direction, Rotary Speed and Time (Up to 9 Kinds are available to Set & Reserve)		
Alarm Buzzer	Installed (Alarm shall be activated after Completing all Process).		
How to Operate	Manual Operation		
Wheel Cooling Device	Water Cooling: Manual Nozzle Method		
Water Supply	External Water Supply / Inlet Nozzle Outer dia. $\phi 9.53\text{mm}$ / Exhaust Nozzle Outer dia. $\phi 31.8\text{mm}$		
Machine Dimensions	W556×D652×H303mm	W796×D726×H303mm	
Machine Weight	36 kg	57 kg	
Power Supply	1P AC200 ~ 240V Cable Length 2500mm		
Power Consumption	Max. 500W (400W for polishing wheel inclusive):		
Standad Accessories	Water Supply Hose 2000mm, Exhaust Hose 2000mm: 1pc. Each/Alumina powder 0.3 μ 100g: 1pc/ Bottle: 1pc/Polishing Cloths X 2/Polishing Paper P600 X 2, P800 X 2, P1200 X 2/Accessory Box: 1pc.		



Rear of Machine



Main unit control panel