



FTP-1AH

AUTO GRINDING/POLISHING MACHINE



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Flushed water system prevent the drain from clogging with polished 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.
- One-touch sample holder set.



FTP-1AH

ITEM		SPECIFICATIONS	
MODEL		Simple Automatic Type / QuickPrep	Full-Automatic Type / SmartPrep
		FTP-1AH-QP	FTP-1AH-SP
Polishing Wheel	Size (Specified at P/O)	Ø300mm (12") / Ø250mm (10") / Ø200mm (8") (Aluminum Wheel with Hard Plating)	
	Rotary Motor	AC Servomotor / 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: Ø16.7mm (Bore of Hose: Ø15mm)	
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	AC Servomotor / 200W	
	Rotary Speed	30 ~ 180rpm (Variable)	
	Rotary Direction	CCW / CW	
	Combination of Rotation Wheel + Rotary Head	SELECTABLE	
	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 ~ 90.71lb/5.31 ~ 40.82kgf	
	Pressure Range (on Individual Sample)	Individual: 5 ~ 100Nf/1.13 ~ 22.6lb/0.51 ~ 10.2kgf Ø40mm or less: Max 6pcs	
	Air Source	0.6 ~ 1.0Mpa Ø6mm	
	Sample Holder (OPTION)	Mounted Sample Number at once Central Pressure: Ø25, 30, 32mm Max 9pcs Central Pressure: Ø40mm Max 4pcs Central Pressure: Ø50mm Max 3pcs Individual Pressure: Ø40mm or less Max 6pcs Individual Pressure: Ø50mm Max 3pcs	
	Program Setting	Setting & Display for Operation Manual-Auto Operation / Wheel Rotary Speed / Wheel Rotary Direction / Auto-Head Rotary Speed / Auto-Head Rotary Direction / Auto Polishing Timer / Sample Fixing Force / Auto-Head Up-Down / Sample Holder 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 Dimensions	W750 x D675 x H670mm		
Power Supply (Specified at P/O)	1P / AC100 ~ 115V or AC200 ~ 240V / 50, 60Hz: Fixed		



FUTURE-TECH CORP.

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JCSS 0228
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