Fuming Chamber
(For finger-print taking)

Serving the Scientific, Medical and Research industries since 1945

LABEC offers a **Fuming Chamber** specifically designed for taking finger-prints.

FEATURES:

- Specially designed for finger-print taking.
- Pre-programmed to make it easy for finger-prints to show up on objects.
- Automatic air filtering, cleaning and ventilation.
- In cabinet lamination.
- 1 mm galvanized steel housing with powder coating OR Stainless steel housing.
- Large observation window.

APPLICATIONS:

- Police station.
- Investigation bureau.
- Military police.
- For forensic investigation.

LABEC
Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd
email: sales@labec.com.au
Ph: 02 9560 2811 • Fax: 02 9560 6131
www.labec.com.au

SPECIFICATIONS

Fuming Chamber
(For finger-print taking)

Model			M-FP-500	M-FP-500DL
Power Supply			200~240 VAC 1 (or 3) phase 50 (or 60) Hz;	
Max Current (A) 200 ~ 240V			5A	
Humidity Control System			Microcomputer P.I.D control with automatic crash release device (watch dog) in case of system down.	
Ambient Temperature			-10 ºC to +40ºC	
Performance	Cyanoacrylate Heating Rate		20 to 100ºC with in 2 minutes (up to 150ºC)	
	Humidity Range		Ambient ~ 99 %RH	
	Humidity Fluctuation		± 5%RH	
	Humidity Add Up Rate		50%RH to 80%RH within 30 minutes	
Chamber Structure	Material	External	1mm thick galvanized steel plate with powder coating, 5mm tempered glass front panel	1mm thick #304 stainless steel, 5mm tempered glass front panel
		Internal	1mm thick #304 stainless steel	1mm thick #304 stainless steel
	Insulation		N/A	CFC free polyurethane foam
	Filtering Tank		1 mm stainless steel	
	Air Filtering Fan		Brushless/Sparkless blower	
	Circulation Fan		Propeller impellers	
	Humidity Sensor		US made low humidity sensor	
Filters			Hybrid carbon & Pre filter/10Pk	
Control Panel			19x219mm 5 keys membrane touch key pad, 7 LED indicators, Dual 3 digits temperature display for setup and current temperature value.	
Programmable Control			Fuming time; Heating time and temperature; Air cleaning time; Humidity level	
Data Logger			N/A	Built-in 3600 sets of parameter (unlimited when connect to computer), Recording interval: 30 sec ~ 99 hrs.
Computer Connection			N/A	RS-232; RS-485; RJ-45 (Optional)
Automatic Lock			N/A	Synchronized with fuming acticity
Lighting			Vapor - proof fluorescent light	
Safety Devices			Automatic door lock when fuming and air cleaning. Emergency stop. Filter condition alarm. Audible and visible alarm.	
Accessories			Shelves (3 PCS); Hooks (20 PCS); Caster wheels; Stabilizers; Instruction manual; Warranty	
Inside Capacity (Liter)			408	408
Chamber Structure	Inside Dimensions (mm)		W560 D700 H1040	W560 D700 H1040
	Outside Dimensions (mm)		W880 D870 H1910	W880 D870 H1910
Weight (kg)			150	150

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