

MFP17-B

Professional manufacturer, best quality with competitive price ●
Recommended by the world UT NDT inspection association for training and examination ●
Core technology with independent intellectual property rights, certificate of CE, GOST and etc.. ●

X-Ray Industrial Film Processor



Product Overview

MFP17-B fully automatic film processor is the new generation product of Mitech Co.,Ltd. It has super digital display board. The microcomputer control system and dense array type roller group can transfer various size film. The countdown monitoring function makes the circulation work finished in one minute and enter the standby mode automatically makes the film process fluently. Timing operation can reduce the roller surface crystallization, make circulation system process effectively. Gap bridge direction can be adjusted to avoid film stuck. Processing liquid can automatically cycle and replenish to keep the liquids fresh. Professional prototype drying duct system, makes both sides of the film dried with no water print. It is widely used for monitoring various pipelines and pressure vessels in the fields of petroleum, chemical, metallurgy, shipbuilding, aviation, aerospace and so on.

Technical Specifications

Technical Specifications	Technical Parameters
Film Size	Min.60mm, Max.435mm
Film Speed	6~14min (Interval is adjustable in a minute)
Film Qty	12-25 pieces per hour (356×432mm), 30-120 pieces per hour(80×300mm)
Linear Speed	65~145mm/min
Developer Tank Volume	8.5L
Fixer Tank Volume	8.5L
Washer Tank Volume	8.5L
Developer Temperature	20~40°C(adjustable)
Fixer Temperature	20~40°C (adjusted with developer temperature)
Washer Temperature	5~25°C
Dryer Temperature	20~70°C(adjustable)
Water Consumption	2L/min during processing
Replenishment	Automatic/Manually 50-500ml/m ²
Power Source	220V, 10A, 50Hz

Features

- MFP17-B processor is a compact, automatic table-top processor. The film can be fast processed with high efficiency by developed, fixed, washed and dried four steps.
- Dupont materials of high strength type roller group can transfer various size film.
- Timing operation can reduce the roller surface crystallization and make circulation system run well.
- Gap bridge direction can be adjusted to avoid film stuck.
- Professional prototype drying duct system, makes both sides of the film well dried to avoid water print
- Microcomputer program control with stable and reliable performance, wider adjustment range.
- Super digital display board, easy to check all data by a click.
- The countdown monitoring function can finish the circulation in one minute and enter the standby mode automatically, makes the film process fluently.
- Process film automatically and with standby state program.
- The temperature of developer and dryer is adjustable to ensure film dried and brightly and improve the work efficiency.
- Heat exchange system adopts developer and fixer heating at the same time, guarantees the stability of temperature within the setting range.
- Processing liquid can automatically cycle and replenish, makes liquids fresh.
- Specially designed stop sink, greatly improve the fixing liquid effect. Especially suitable for a large number of film processing. The processes are developing, stop sink washing, fixing, small washing, washing and drying.
- Films Qty: 12-25 pieces per hour (356mm×432mm), 30-120 pieces per hour(80mm×300mm)
- Dimensions: 800mm×580mm×420mm.

Main Application

- Aerospace
- Military Railway
- Shipbuilding, Chemical
- Mining Inspection
- Pressure Vessel, Pipeline
- Oilfield Power Plant

Application Conditions

- Operation Temperature : +23°C~+30°C
- Storage Temperature : +28°C
- Relative Humidity : ≤70%
- The surrounding environment should avoid of vibration, strong magnetic field, corrosive medium and heavy dust.

Configurations

	NO.	Parts Name	Quantity	Remarks
Main Body	1	Cover	1	
	2	Operation Manual	1	
	3	Power Cable	1	
	4	Water inlet pipe	1	
	5	Developer Drain Pipe	1	0.5m (with valve)
	6	Fixer Drain Pipe	1	0.5m(with valve)
	7	Washer Drain Pipe	1	0.5m(with valve)
	8	Developer Replenishment Pipe	1	0.8m(with gas mouth)
	9	Fixing Replenishment Pipe	1	0.8m(with gas month)
	10	Developer Outlet Pipe	1	0.5m
	11	Fixer Outlet Pipe	1	0.5m
	12	Washer Outlet Pipe	1	2.0m
	13	Bearing Block	10	
Optional	14	Securing Bracket	1	
	15	Coaming	1	
	16	Gear T=32 Round Hole	1	
	17	Gear T=32 D-Hole	1	
	18	Tooth Gear T=20	1	
Accessories	19	Tooth Gear D-Hole T=16	2	
	20	Worm Wheel	1	
	21	Fuse S	2	10 A
	22	Hose Hoops	2	
	23	Long Flat Spring	10	
	24	Short Flat Spring	10	
	25	Circlip	8	
	26	Bearing Bush	4	
	27	Screw M 4×10	4	
	28	Nut M 4,Inox	4	
	29	Locking Pin	2	
	30	Check Valve	2	
	31	Corrugated Pipe	1	