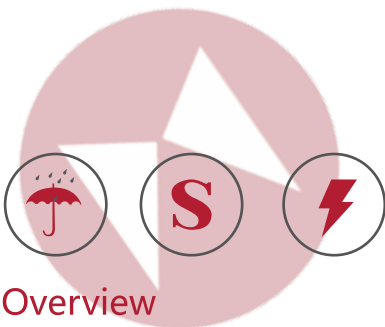


# MFP430-A

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



### Overview

MFP430-A fully automatic film processor is the new generation product in Mitech Co.,Ltd, with super digital display board and the microcomputer control system. Specially designed stop sink greatly improves 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. Infrared sensor control system, countdown function when feeding in, ensures safefilm sending. Built-in infrared auxiliary operation, transfers film more accurately. Dupont materials of high strength type roller groups, transfers various size film. The countdown monitoring function can finish the circulation in one minute and enter the standby mode automatically,make the film process fluently. Timing operation can reduce the roller surface crystallization, effectively activate circulation system. Sink capacity is greater, to meet the needs of a larger number of film rinse. Gap bridge direction can be adjusted to avoid film stuck. Processing liquid can automatically cycle and replenish to keep the liquid fresh. Professional prototype drying duct system makes the both sides of the film with no water print. It's widely used for various pipelines and pressure vessels in the fields of petroleum, chemical, metallurgy, shipbuilding, aviation, aerospace and etc..

## Technical Specifications

Technical Specifications	Technical Parameters
Film Size	Min.80mm*100mm, Max.430mm*∞
Film Speed	6~14min (Interval is adjustable in a minute)
Film Qty	18-42 piece per hour (356×432mm), 80-210 piece per hour (80×300mm)
Linear Speed	65~145mm/min
Developer Tank Volume	13L
Fixer Tank Volume	13L
Washer Tank Volume	13L
Developer Temperature	20~40°C(adjustable)
Fixer Temperature	20~40°C( adjusted to 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 <sup>3</sup>
Power Source	220V, 15A, 50Hz
Weight	85kg (Empty),135kg (Filled)
Dimension	1050mm×720mm×1230mm

## Features

- MFP430-A processor is a compact,automatic table-top processor.
- Large capacity sink, double filter to ensure that the image is clear.
- 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 wasting ,washing,and drying.
- Infrared sensor control system, countdown function when feed in, ensure safe film sending.
- Built-in red light auxiliary operation, transfer film more accurately.
- Dupont materials of high strength type roller group can transfer various size film.
- Timing operation to prevent the roller surface crystallization, effectively activate circulation system.
- Gap bridge direction can be adjusted to avoid film stuck.
- The roller group structure interval distance is adjustable, avoid creasing phenomenon of different base film.
- Professional prototype drying air duct system, makes both sides of the film well dried and avoid water print.
- Microcomputer program control, 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.
- Developer and dryer temperature is adjustable, to ensure film dried brightly and improve the work efficiency.
- Processing liquid can automatically cycle and replenish, makes liquids fresh.
- Heat exchange system adopts developer and fixer heating at the same time, guarantee the stability of temperature within the setting range.
- Processing liquid can automatically cycle and replenish, makes liquids fresh.
- Films Qty: 18-42 pieces per hour (356mm×432mm), 80-210 pieces per hour(80mm×300mm).
- Dimension: 1050mm×720mm×1230mm.

## Application

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

## Working 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	