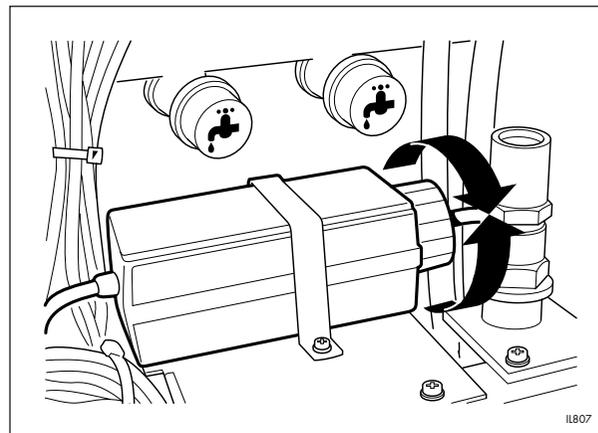


ILFORD

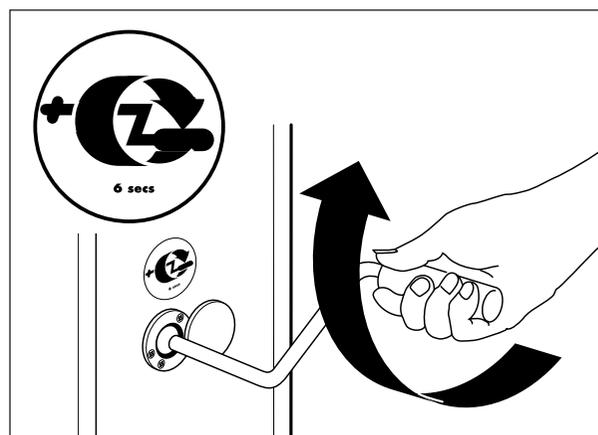
AIR PUMP ADJUSTMENTS

The air pump controls air flow through the water in tank WS1. Remove rack 3 to see the amount of agitation. With DRIVE on, rotate the air pump adjusting knob clockwise to decrease the flow of air, counter clockwise to increase the flow.



EMERGENCY PROCEDURES

If the drive stops with a film in the processor, fit the handle and turn steadily, each turn should take 6 seconds. Guide the wet film out, it may require additional fixation/washing before drying. If a film jams in the loading box - use MANUAL CUT for a 35mm film; for 120/220 films darken the room, open loading box and cut the film. Continue processing. If a film jams in the racks - darken the room if necessary, open processor and release the film. Continue processing by hand or in the processor.



WARNING DISPLAYS

REPL LEVEL LOW
DEV (or FIX or W S 3)

Check the replenishment bottle and top up if necessary.

SOLUTION LEVEL LOW
DEV(or FIX or W S 3)TANK

Check solution tank level and top up if necessary.

SOLUTION LEVEL LOW
W S 1 TANK
(and audible signal)

Check water tank level. Check water drain valve is closed.

DEV: (or FIX) SET 00.0°C Displayed when the dev (or fix) temperature becomes 3°C higher or
ABNORMAL 00.0°C lower than the set temperature. Set the
temperature.

DRAIN BOTTLE FULL
(and audible signal)

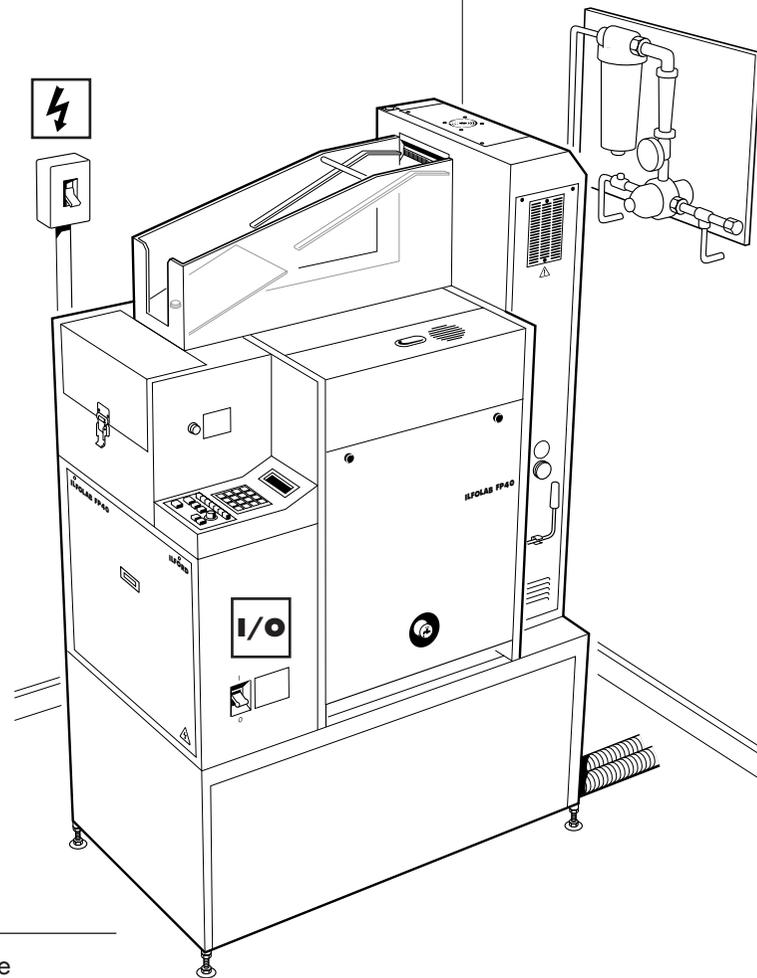
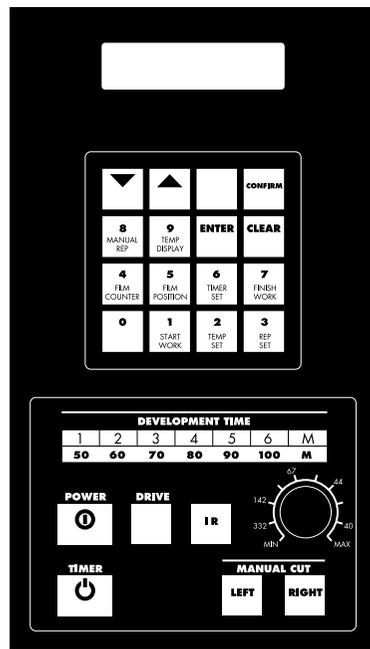
Check the level in the drain bottles. Refer to DRAINING.

For further details contact:

50/60Hz

ILFORD
OPERATING INFORMATION

ILFOLAB FP40



The following symbols are used to explain or highlight items or actions that occur during use of the ILFOLAB FP40 processor.

CONTROL PANEL

- ▼ Forward through sequence
- ▲ Back through sequence
- ENTER** Record the new input data
- CONFIRM** Verify the input data to memory
- CLEAR** Clears the display, shows the present state of the processor. Press CLEAR at the start and end of each programming sequence
- POWER** Switches the processor systems on
- DRIVE** Switches on drive motor, air pump and dryer
- TIMER** Select for automatic switch on

PROCESSOR

- ⚡ Mains isolator
- I/O Processor on/off switch

LABELS

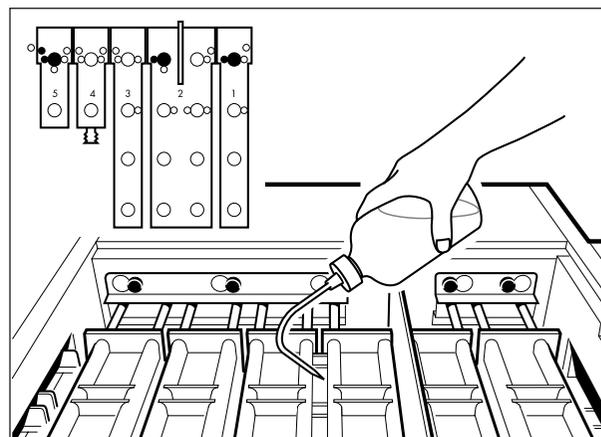
-  Film in processor
-  Orientation of cassette
-  Film in loading box



ILFORD

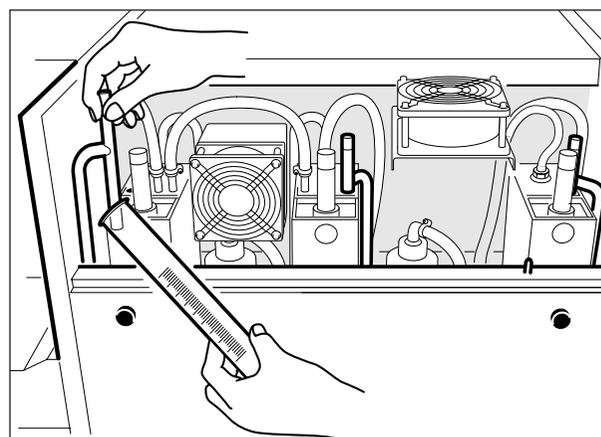
START and FINISH WORK

A simple sequence of actions prepares the processor for its next operation. Press CLEAR, then press 1 START WORK or 7 FINISH WORK, follow the instructions. Wet the top rollers as shown using the washing bottle. Take care to keep other areas on the processor dry. The processor counts the total number of films processed each day, press 4 FILM COUNTER. If required this can be cleared at the start or end of each day. 5 FILM POSITION displays the location of films in the processor.



SETTING AND CHECKING REPLENISHMENT RATES

Press CLEAR, then press 3 REP SET and follow the instructions to set the rates, use the numbers on the keypad to input data, then press CLEAR. Set the rinse solution at 23 seconds max. To check the actual rates - withdraw the replenishment pipe and place in a measuring cylinder as shown. Press CLEAR, then press 8 MANUAL REP. CONFIRM will power the pump through one complete cycle. Power the pump through 5 cycles. Take an average reading of the total volume to find the actual rate, adjust the rate if required and check again.

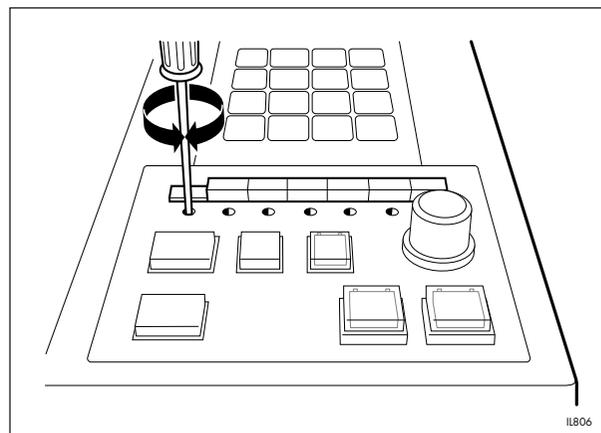


Replenishment pump flow rates and operating times

Rep volume (ml/36 exp)	Approximate rep time (seconds)	
	Fixer	Developer and rinse solution
10	2.4	3.3
20	4.8	6.6
30	7.2	9.9
40	9.6	13.2
50	12.0	16.5
60	14.4	20.8
70	16.8	22.0
80	19.2	-
90	21.6	-
100	23.0	-

DEVELOPMENT TIMES

Six switches are pre-set to give development times shown on the label. The switches can be re-set by adjusting a control screw under the label. Press CLEAR, select DRIVE on. Press the switch to be re-set, the display shows actual temperature and time. Use a screwdriver, turn screw clockwise to increase time, counter clockwise to reduce time. Wait 10 seconds for the display to show actual time. The development time can also be set with the selection knob. Press CLEAR, select DRIVE on. Press M, turn knob clockwise to reduce time or counter clockwise to increase time. Wait 10 seconds for display to show actual time.

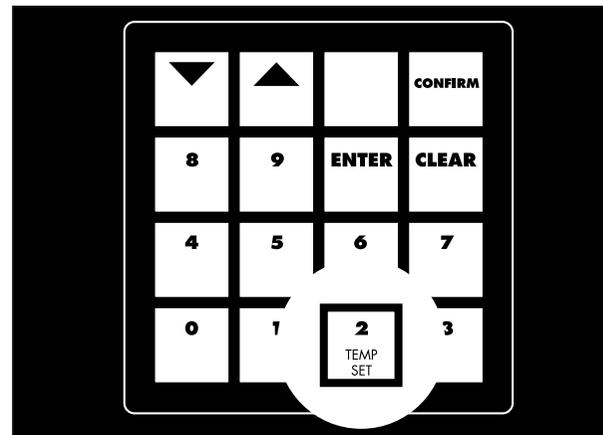


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SETTING PROCESSING TEMPERATURES

Press CLEAR, then 2 TEMP SET and follow the instructions for setting the solution and dryer temperatures, use the numbers on the keypad to input data. Press ENTER, then CONFIRM then CLEAR. The dryer minimum temperature is 45°C (113°F).

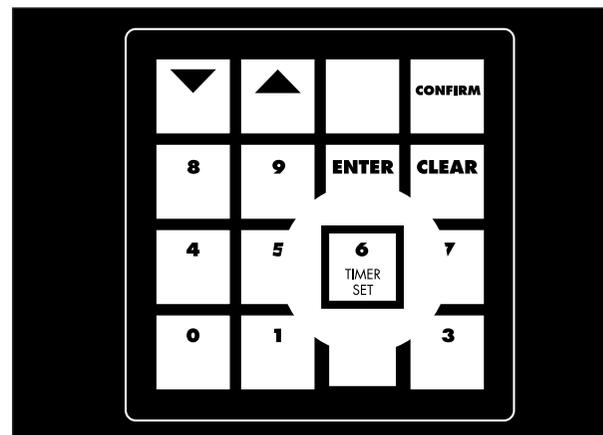
The processing temperatures for ILFORD chemistry can be checked on the control panel. Press 9 TEMP DISPLAY to show the set and actual temperatures.



PROGRAMMING OPERATING TIMES

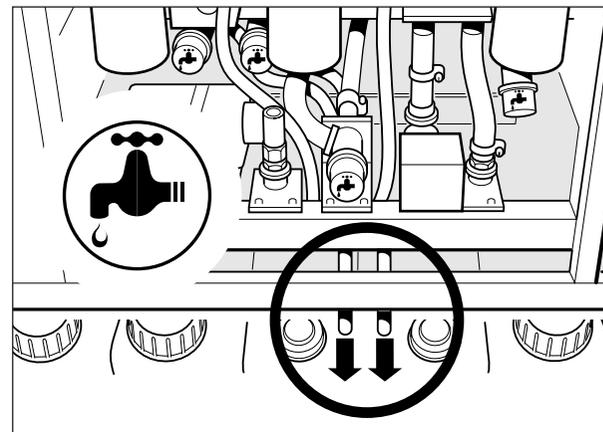
The date and time can be set using the control panel, press CLEAR, then press 6 TIMER SET and follow the instructions.

The processor can be programmed to automatically re-start at a pre-set time so that the solutions reach operating temperatures for the start of a day's work. Press CLEAR, then press 6 TIMER SET and follow the instructions. To set the days you want the timer to operate, press 0 for off, 1 for on.



DRAINING

Remove lower panel, withdraw bottle. Remove top cap assembly. Remove drain cap and fit nozzle, pour out the effluent. Refit caps, replace bottle and refit panel. Each working tank can be drained by opening the appropriate drain valve. Place a bottle under the drain pipe (Dev or Fix) when draining dev tank or fix tank. Water from the other tanks goes to the main drain via the drain tray.



ADDING SOLUTIONS

Ensure the drain valves are closed. Unscrew and withdraw the filter element assembly. Pour solution into the temperature control tank as shown until solution in the working tank overflows to the drain. Refit the filter assembly.

- | | |
|--------------------------------------|-------------|
| Developer working tank capacity | - 10 litres |
| Fix working tank capacity | - 13 litres |
| Rinse solution working tank capacity | - 4 litres |

Each replenishment bottle holds 10 litres of solution, top up as required.

