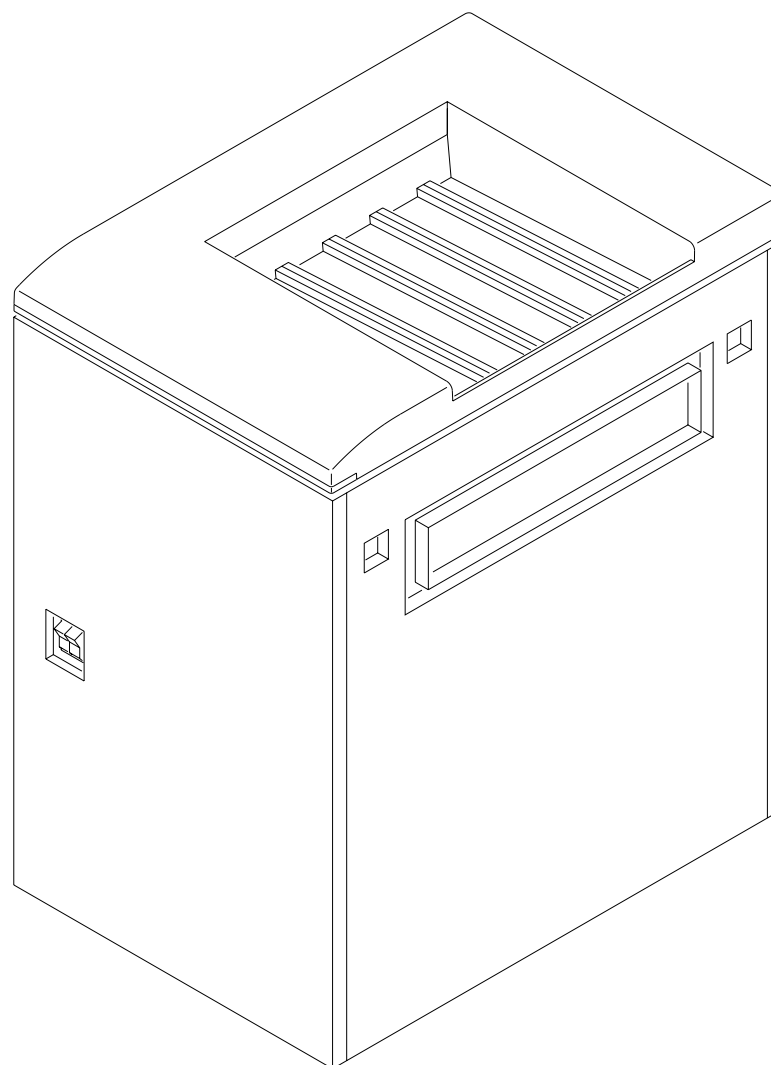




ADJUSTMENTS AND REPLACEMENTS for the *Kodak X-Omat* 180 LP and 180 LPS PROCESSORS



PLEASE NOTE The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

No patent license is granted by this information.

Eastman Kodak Company reserves the right to change this information without notice, and makes no warranty, express or implied, with respect to this information. Kodak shall not be liable for any loss or damage, including consequential or special damages, resulting from any use of this information, even if loss or damage is caused by Kodak's negligence or other fault.



This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.



Warning

To avoid hazardous conditions, keep floors and floor coverings around your *Kodak X-Omat* PROCESSOR and associated drains clean and dry at all times. Any accumulation of fluids from mixing tanks, drain lines, etc, should be cleaned up immediately. In the event of an accumulation of liquid due to backup, overflow, or other malfunctions of the drain associated with your *X-Omat* PROCESSOR, call a plumber or other contractor to correct any problem with the drain. Kodak accepts no responsibility or liability whatsoever for the serviceability of any drain connected to or associated with a *Kodak X-Omat* PROCESSOR. Such drains are the sole responsibility of the customer.

Table of Contents

Description	Page
Introduction	1-1
Special Tools Required	1-2
Electrostatic Discharge	1-3
Overview	1-3
Preventive Measures	1-3
Overview of the PROCESSOR	1-4
Before Starting the Service Procedures	1-4
De-energizing and Energizing the PROCESSOR	1-4
Detaching the LASER PRINTER from the PROCESSOR	1-5
Attaching the LASER PRINTER to the PROCESSOR	1-6
Identifying the RACKS and CROSSOVERS	1-8
Removing the RACKS with Solutions in the TANKS	1-9
Installing the RACKS	1-10
* Leveling the PROCESSOR — See the Installation Instructions 1C7836	
Draining and Filling the TANKS	1-11
Draining the TANKS	1-11
Filling the TANKS	1-12
Printing Test Films	1-13
RACKS	2-1
Adjusting the Squareness of the CROSSOVER ASSEMBLIES	2-2
Adjusting the Squareness of the DEVELOPER, FIXER, and WASH RACKS	2-3
Main Drive	3-1
Removing the DRIVE SHAFT and the WORM GEARS	3-2
Adjusting the Tension on the DRIVE CHAIN	3-5
Removing the DRIVE CHAIN	3-6
Removing the DRIVE MOTOR	3-7
Removing the BEARING from the FEED END of the DRIVE SHAFT	3-8
Removing the BEARING from the DRYER END of the DRIVE SHAFT	3-9

<u>DRYER</u>	4-1
Removing the BLOWER MOTOR B1	4-2
Removing the DRYER THERMISTOR RT3	4-3
Removing the DRYER OVERTEMPERATURE THERMOSTAT	4-4
Removing the DRYER HEATER HR3	4-5
Removing the AIR FLOW SWITCH S3	4-7
<u>Plumbing</u>	5-1
Recirculation System	5-2
Removing the RECIRCULATION PUMP B5	5-2
Removing the IMPELLER HOUSING or the IMPELLER	5-3
Removing the THERMOWELL	5-5
Removing the DEVELOPER or FIXER HEATER	5-6
Removing the DEVELOPER or FIXER THERMISTOR	5-7
Removing the DEVELOPER FILTER	5-8
Removing the LEVEL SENSOR HOUSING and LEVEL SENSORPROBES ..	5-9
Removing the DEVELOPER COOLING SOLENOID L2	5-10
Removing the HEAT EXCHANGER	5-11
Wash System	5-14
Removing the WATER SOLENOID VALVE L1	5-14
Replenishment System	5-15
Removing the REPLENISHER STRAINER ASSEMBLIES and SCREENS ..	5-15
Removing the DEVELOPER or FIXER REPLENISHMENT PUMP	5-16
Removing the POPPET VALVES for the REPLENISHMENT PUMPS	5-17
<u>Electrical</u>	6-1
Adjustments - ACTUATORS and ENTRANCE DETECTOR SWITCHES	6-2
Drive Side ACTUATOR	6-2
Non-drive Side ACTUATOR	6-3
DETECTOR SWITCHES, from Side to Side	6-4
DETECTOR SWITCH, Up and Down	6-5
Checking the DETECTOR SWITCHES	6-6
Removals	6-7
AUTOTRANSFORMER	6-7
EMI LINE FILTER	6-8
AC CIRCUIT BREAKER CB1	6-9
500 CIRCUIT BOARD, the MICROPROCESSOR	6-10
SOLID STATE RELAY	6-14
QUAD POWER SUPPLY	6-15
REPLENISHMENT CALIBRATION SWITCH	6-16
EXIT SENSOR S6	6-17
<u>Preventive Maintenance</u>	7-1
Weekly Preventive Maintenance	7-2
Monthly Preventive Maintenance	7-3
Every 3 Months, or as Required, Preventive Maintenance	7-8
<u>Publication History</u>	8-1

