# Processing Recommendations

All- *Kodak X-Omat* PROCESSORS  
All- *Kodak X-Omat* MULTILOADERS  
All- *Kodak Min-R* MAMMOGRAPHY PROCESSORS

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</thead>
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Updates from Previous Version

➢ New Information:
   • Revised developer replenishment rates for mammography films.
   • Revised recommended solution change schedule.
   • Revised film feeding emulsion orientation for mammography films.
   • Revised amount of starter solution needed with Kodak Min-R 2000 FILM.

Purpose of Service Bulletin 30

1.] To document the current processing recommendations for the following Kodak PROCESSORS:
   • Kodak X-Omat MULTILOADER 7000, and the Kodak X-Omat MULTILOADER 300 and 300 PLUS
   • Kodak Min-R MAMMOGRAPHY PROCESSORS
2.] To document the current processing recommendations for Kodak Medical Films with Kodak Processing Chemicals.

Notes:

➢ This data supersedes all previous replenishment information given in publications for Kodak X-Omat PROCESSORS, Kodak X-Omat MULTILOADERS, and the Kodak Min-R PROCESSORS.

➢ These guidelines should be used as an initial starting point, and may be changed as needed to satisfy specific site conditions and sensitometric objectives.
Recommended Replenishment Rates
General Radiography, Laser Films, and Non-Dedicated Mammography

Note: Kodak MAMMOGRAPHY FILM should not be processed in the following PROCESSORS: Kodak MEDICAL X-RAY PROCESSORS, Kodak X-Omat 1000/1000A/1000J, M43/M43A/CLINIC 1, and 2000A PROCESSORS, or Kodak M35/M35A X-Omat PROCESSORS.

For Area PROCESSORS with Smart Replenishment- ENABLED

- Kodak X-Omat 270/3000 RA PROCESSORS, Kodak X-Omat 180 LP/LPS PROCESSORS, Kodak X-Omat 460/480/5000 RA PROCESSORS, Kodak X-Omat PROCESSOR, Model M6RA, Kodak X-Omat MULTILOADER 7000, and the Kodak X-Omat MULTILOADER 300/300 PLUS.
  - Smart Replenishment is enabled by default.
  - Replenishment takes place after the equivalent area of a 35 x 43 cm (14 x 17 in.) film has been fed; therefore, replenishment rates must be set for a 35 x 43 cm (14 x 17 in.) film feed.
  - Additional replenishment occurs automatically during low film usage.

<table>
<thead>
<tr>
<th>Film Size Processed</th>
<th>Use Condition</th>
<th>Average Amount of 35 x 43 cm Equivalent Films per 8 hrs of Processor Operation</th>
<th>Replenishment Rates (ml per 35 x 43 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>Any</td>
<td>Any number *</td>
<td>Developer 60 Fixer 85</td>
</tr>
</tbody>
</table>

* Flooded replenishment should not be needed due to the automatic compensation for use, but it is available if needed to maintain sensitometry for very low use conditions.

For Area PROCESSORS with Smart Replenishment- DISABLED

- Kodak X-Omat M43/M43A/CLINIC 1 PROCESSORS
- RA PROCESSORS with Smart Replenishment turned off (special mammo feature enabled)

- The equivalent area of a 35 x 43 cm (14 x 17 in.) film is 1505 cm sq. (238 sq. in.).
- Replenishment takes place after the equivalent area of a 35 x 43 cm (14 x 17 in.) film has been fed; therefore, replenishment rates must be set for a 35 x 43 cm (14 x 17 in.) film feed.
- Replenishment rates need to be set for different usage conditions.

<table>
<thead>
<tr>
<th>Film Size Processed</th>
<th>Use Condition</th>
<th>Average Number of 35 x 43 cm Equivalent Films per 8 hrs of Processor Operation</th>
<th>Replenishment Rates (ml per 35 x 43 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equivalent to 35 x 43 cm</td>
<td>High</td>
<td>75 sheets or more</td>
<td>Developer 60 Fixer 85</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>25 - 75 sheets</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>Low</td>
<td>25 sheets or less *</td>
<td>100</td>
</tr>
</tbody>
</table>

* If sensitometry does not stay within control limits, flooded replenishment may be needed.
**Recommended Replenishment Rates (continued)**

*General Radiography, Laser Films, and Non-Dedicated Mammography*

**For Length PROCESSORS**

*Kodak M35/M35A/M35M/M35A-M X-Omat PROCESSORS, Kodak RP X-Omat PROCESSORS, Model M7B/M7B-E/M6A-N/M6AW/M6B/M6R, Kodak X-Omat 1000/1000A/1000J/2000/2000A PROCESSORS, and the Kodak Min-R MAMMOGRAPHY PROCESSORS*

- Replenishment takes place whenever film is in the entrance rollers.
- Replenishment rates must be set according to usage and film size(s) fed.
- Film should be fed as recommended in the PROCESSOR OPERATOR MANUAL/USER GUIDE: Kodak Min-R EV FILM, Kodak Min-R L FILM, and Kodak Min-R 2000 FILM should be fed **emulsion side down** in the M35-M, M35 A-M *X-Omat* PROCESSORS and in the *Kodak Min-R MAMMOGRAPHY PROCESSORS*.
- *Kodak M35M, M35A-M X-Omat PROCESSORS and the Kodak Min-R MAMMOGRAPHY PROCESSORS are **not recommended** for roll film.*

<table>
<thead>
<tr>
<th>Film Size Processed</th>
<th>Use Condition</th>
<th>Average Number of Films per 8 hrs of Processor Operation</th>
<th>Replenishment Rates (ml per 35 x 43 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Developer Fixer</td>
</tr>
<tr>
<td>Roll 35 cm wide (only)</td>
<td>High</td>
<td>105 linear feet or more</td>
<td>50 70</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>35 - 105 linear feet</td>
<td>65 85</td>
</tr>
<tr>
<td></td>
<td>Low</td>
<td>35 linear feet or less *</td>
<td>80 100</td>
</tr>
<tr>
<td>35 x 35 cm (only)</td>
<td>High</td>
<td>90 sheets or more</td>
<td>50 70</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>30 - 90 sheets</td>
<td>65 85</td>
</tr>
<tr>
<td></td>
<td>Low</td>
<td>30 sheets or less *</td>
<td>80 100</td>
</tr>
<tr>
<td>Average size intermix</td>
<td>High</td>
<td>115 sheets or more</td>
<td>50 70</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>40 - 115 sheets</td>
<td>65 85</td>
</tr>
<tr>
<td></td>
<td>Low</td>
<td>40 sheets or less *</td>
<td>80 100</td>
</tr>
<tr>
<td>35 x 43 cm (only)</td>
<td>High</td>
<td>75 sheets or more</td>
<td>60 85</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>25 - 75 sheets</td>
<td>80 100</td>
</tr>
<tr>
<td></td>
<td>Low</td>
<td>25 sheets or less *</td>
<td>100 120</td>
</tr>
</tbody>
</table>

*If sensitometry does not stay within control limits, flooded replenishment may be needed.*
**Recommended Replenishment Rates (continued)**

**For Dedicated Mammography**

- A PROCESSOR is considered dedicated if only single-emulsion film (mammography, ultrasound, etc.) is processed.
- General purpose (non-dedicated) film should use the replenishment rates listed for general radiography (see previous section).

**Note:** These guidelines should be used as initial starting points only.

**Note:** Kodak MAMMOGRAPHY FILM should not be processed in the following PROCESSORS: Kodak MEDICAL X-RAY PROCESSORS, Kodak X-Omat M43/M43A/CLINIC 1, 2000A, 1000/1000A/1000J PROCESSORS, and Kodak M35/M35A X-Omat PROCESSORS.

**For Area PROCESSORS with Smart Replenishment- ENABLED**

- Kodak X-Omat 270/3000 RA PROCESSORS, Kodak X-Omat PROCESSOR, Model M6RA,
- Kodak X-Omat 460/480/5000 RA PROCESSORS
- Kodak X-Omat MULTILOADER 7000, and the Kodak X-Omat MULTILOADER 300/300 PLUS

**NOTE:** Min-R EV, Min-R L, and Min-R 2000 FILMS should be fed emulsion side down in the Kodak X-Omat 270 RA and 3000 RA PROCESSORS.

- Smart Replenishment is enabled by default.
- The equivalent area of a 35 x 43 cm (14 x 17 in.) film is 1505 cm sq. (238 sq. in.).
- Replenishment takes place after the equivalent area of a 35 x 43 cm (14 x 17 in.) film has been fed; therefore, replenishment rates must be set for a 35 x 43 cm (14 x 17 in.) film feed.
- Additional replenishment occurs automatically during low film usage. This feature can be disabled by using software version 3.0 or higher. **Note:** Kodak X-Omat 3000 RA and 5000 RA PROCESSORS have the ability to override this feature without installing new software.
- For additional mammography film systems information, refer to FILM CONVERSION GUIDES, USER GUIDES, AND OPTIMIZATION GUIDES, available on the Health Group Analog Publications CD, p/n SP4E8964.

<table>
<thead>
<tr>
<th>Film Processed</th>
<th>Use Condition</th>
<th>Average Number of Films per 8 hrs of Processor Operation</th>
<th>Replenishment Rates* (ml per 35 x 43 cm)</th>
</tr>
</thead>
</table>
| Min-R EV, Min-R 2000 | Smart Replenishment enabled (Not recommended) | 260 sheets or more  
200 sheets  
150 sheets  
100 sheets  
70 sheets  
Less than 60 sheets | Developer  
Fixer |
| Min-R L, Min-R S | Any | Any number* | 105  
105 |

* Flooded replenishment is available if needed to maintain sensitometry for very low use conditions.
Recommended Replenishment Rates (continued)
For Dedicated Mammography

For Area PROCESSORS with Smart Replenishment- DISABLED

- Kodak X-Omat 270/3000 RA PROCESSORS, Kodak X-Omat PROCESSOR, Model M6RA, and the Kodak X-Omat 460/480/5000 RA PROCESSORS
- Kodak X-Omat MULTILOADER 7000, and the Kodak X-Omat MULTILOADER 300/300 PLUS

<table>
<thead>
<tr>
<th>Film Processed</th>
<th>Use Condition</th>
<th>Average Number of 18 x 24 cm Films per 8 hrs of Processor Operation</th>
<th>Replenishment Rates* (ml per 35 x 43 cm)</th>
</tr>
</thead>
</table>
| Min-R EV, Min-R 2000 | Medium, High | 60 sheets or more | 105 – 120
|                | Low          | 60 sheets or less* | Flooded
| Min-R L, Min-R S | Medium, High | 60 sheets or more | 105
|                | Low          | 60 sheets or less* | Flooded

* If sensitometry does not stay within control limits, flooded replenishment may be needed.

For Length PROCESSORS

- Kodak M35-M/M35A-M X-Omat PROCESSORS, Kodak RP X-Omat PROCESSOR, MODEL M7B/M7B-E, M6A-N/M6AW/M6B/M6R
- Kodak Min-R MAMMOGRAPHY PROCESSORS

- Replenishment takes place whenever film is in the entrance rollers.
- Replenishment rates must be set according to usage and film size(s) fed.
- Min-R L, Min-R 2000 and Min-R EV FILMS are fed emulsion side down in the Kodak M35-M, M35A-M X-Omat PROCESSORS and the Kodak Min-R MAMMOGRAPHY PROCESSORS.
- For the Kodak MINILOADER 2000P and the Kodak X-Omat MULTILOADER 700 docked to length-replenished PROCESSORS, mammography rates are set using 18 cm film travel.

<table>
<thead>
<tr>
<th>Film Processed</th>
<th>Film Feeding</th>
<th>Use Condition</th>
<th>Average Number of Films per 8 hrs of Processor Operation</th>
<th>Replenishment Rates (ml per 18 x 24 cm)*</th>
</tr>
</thead>
</table>
| Min-R EV, Min-R 2000 | Single | Medium - High Low | 60 sheets or more 60 sheets or less* | 30 – 35 30
|                | Double | Medium - High Low | 60 sheets or more 60 sheets or less* | 60 – 70 60
| Min-R L, Min-R S | Single | Medium - High Low | 60 sheets or more 60 sheets or less* | 30 30
|                | Double | Medium - High Low | 60 sheets or more 60 sheets or less * | 60 60

* If sensitometry does not stay within control limits, flooded replenishment may be needed.
** Use a single 18 x 24 cm film to set the replenishment rates listed. If processing a single 24 x 30 multiply the rate by 1.67
Recommended Replenisher Mixing

For best results, mix processing solutions between 70°F and 80°F (21.1°C and 26.7°C).

If using Replenisher Tank:

- Replenisher tank should be sized such that volume is approximately equal to or less than, the volume used in 2 weeks.
- Mix only in quantities large enough to be used in **2 weeks or less**.
- A floating lid **must** be installed in the developer/replenisher tank to reduce oxidation of the developer solution.

If using an Automixer without a floating lid:

- Mix only in quantities large enough to be used in **1 week**.
- Mix only when replenisher volume is near or at the low level alarm.

**Note:** **Do not feed films into the PROCESSOR during chemical mixing**

For information on specific PROCESSORS, refer to the “General Processor Information” at the end of this document.

Recommended Starter Volumes

<table>
<thead>
<tr>
<th>Film</th>
<th>DEVELOPER</th>
<th>Starter (added to Processor Developer Tank)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td><strong>Kodak RP X-Omat</strong></td>
<td>25 ml per liter (3 fl oz per gallon)</td>
</tr>
<tr>
<td></td>
<td><strong>Kodak X-Omat EX II</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Kodak X-Omat LE+</strong></td>
<td>No Starter Added</td>
</tr>
<tr>
<td></td>
<td><strong>Kodak X-Omat RA/30</strong></td>
<td></td>
</tr>
</tbody>
</table>

*Kodak X-Omat LE+ chemistry is not available in all regions.*

Recommended PROCESSOR Maintenance and Changing of Processing Solutions

*Kodak* recommends changing the developer and fixer solutions every 4 – 6 weeks during regular PROCESSOR maintenance:

- Drain, clean, and refill the developer and fixer processing tanks with freshly mixed chemistry. Do not save and re-use the developer and fixer solutions.
- Specific site conditions may dictate more or less cleaning.
- Follow the maintenance instructions and safety procedures specified in the PROCESSOR OPERATOR MANUAL, USER GUIDE, AND SERVICE MANUAL.
- Be sure to follow all environmental regulations when disposing of processing solutions.

Reduced Replenishment Rate Recommendations

It may be possible to reduce the developer replenishment rate by up to 40% by using the *Kodak X-Omat EX II DEVELOPER AND REPLENISHER, Kodak RP X-Omat DEVELOPER AND REPLENISHER*, or the *Kodak X-Omat RA/30 DEVELOPER AND REPLENISHER* with the *Kodak T-Mat FILM, Kodak X-Sight FILM*, or the *Kodak Insight FILM*.

For more information, refer to the *Kodak PROCESSING CHEMICALS OPTIMIZATION GUIDE*, Pub M6-408 (CAT No. 149-1109), or contact the *Kodak* Health Group (telephone numbers listed on the last page.)
Flooded Replenishment Rate Recommendations

- For low use rates, if sensitometry does not stay within control limits, flooded replenishment may be needed to maintain the developer solution at a continually fresh chemical activity. This is accomplished by replenishing not only when film is fed or area accumulated, but also on the basis of additional replenishment added during the PROCESSOR on-time with an automatic replenishment timing system.
- When in the flooded mode, developer starter is added to the replenishment tanks at a rate of 89 ml per gallon or 25 ml per liter (3 fl. oz./gallon) for all films including the Kodak Min-R 2000 FILM.
- No starter is used for the Kodak X-Omat RA/30 DEVELOPER.
- For detailed information on how to set up each PROCESSOR for flooded replenishment, see the appropriate service publication for that PROCESSOR.
- Qualified service personnel should do the PROCESSOR setup.
- When filling the developer replenishment or PROCESSOR tank, add starter per the table below.

<table>
<thead>
<tr>
<th>KODAK Developer</th>
<th>Flooded Mode</th>
<th>Add Starter?</th>
<th>Replenishment Tank</th>
<th>Processor Tank</th>
</tr>
</thead>
<tbody>
<tr>
<td>X-Omat EX II</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No*</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td>No*</td>
</tr>
<tr>
<td>RP X-Omat</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No*</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td>No*</td>
</tr>
<tr>
<td>Medical X-ray</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No*</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td></td>
<td>No*</td>
</tr>
<tr>
<td>X-Omat RA/30</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

* Fill the PROCESSOR tank with chemistry that was mixed in the replenishment tank.

- For All Kodak PROCESSORS except the Kodak X-Omat 1000/1000A/1000J, M43/M43A/CLINIC 1 PROCESSORS and the Kodak RP X-Omat PROCESSOR, Model M6B
  - Initially set the developer and fixer replenishment rates at 65 ml per 35 x 43 cm film. This amount will be fed into the PROCESSOR every 5 minutes.
  - Once set, the rate may be changed depending on the individual circumstances.
  - Monitoring the PROCESSOR sensitometry is required to change replenishment rates.
  - Use the following recommendations as replenishment rates are reduced:
    1. Monitor sensitometry (speed and contrast).
    2. Reduce developer and fixer replenishment rates by 5 ml.
    3. Monitor sensitometry for 2 weeks.
    4. If no change is seen, rates may be reduced by another 5 ml.
    5. Once a change is seen, increase the developer and fixer rates by 5 to 10 ml.

- For Kodak X-Omat 1000/1000A/1000J PROCESSORS
  - Initially set the regular developer and fixer replenishment rates at 100 ml per 35 x 43 cm film.
  - Set the flooded replenishment rate at one-half of the above amount. The PROCESSOR will feed the one-half amount (in this case, 50 ml) into the PROCESSOR every 20 minutes.
  - Monitoring the PROCESSOR sensitometry is required to reduce replenishment rates.
  - Use the following recommendations as replenishment rates are reduced:
    1. Monitor sensitometry (speed and contrast).
    2. Reduce developer and fixer replenishment rates by 5 ml.
    3. Monitor sensitometry for 2 weeks.
    4. If no change is seen, rates may be reduced by another 5 ml.
    5. Once a change is seen, increase the developer and fixer rates by 5 to 10 ml.
Flooded Replenishment Rate Recommendations (continued)

➢ For the Kodak X-Omat M43/M43A/CLINIC 1 PROCESSORS
  • Set the flooded replenishment rate at 100 ml for developer and 120 ml for fixer.
  • The PROCESSOR delivers these volumes every 24 minutes to maintain sensitometry.
  • **Do not reduce these rates.**
  • Monitoring the PROCESSOR sensitometry is required.

➢ For the Kodak RP X-Omat PROCESSOR, Model M6B
  • Set the flooded replenishment rate at 105 ml for 35 x 43 cm.
  • The PROCESSOR will deliver these volumes every time the PROCESSOR comes out of standby, to maintain sensitometry.
  • Monitoring the PROCESSOR sensitometry is required.

Recommended Ventilation Requirements

• The processing area should have 10 air changes per hour, 24 hours per day, 7 days per week. For example: a 10 x 10 x 10-foot room has a volume of 1000 cubic feet, so the ventilation system should supply the room with 10,000 cubic feet of fresh air per hour, 24 hours per day, 7 days per week.
• For through-the-wall installations, the air pressure in the darkroom area where the PROCESSOR is located must be of slightly higher pressure than the surrounding rooms to assure that the airflow through the PROCESSOR is in the correct direction.
• For PROCESSOR exhaust ventilation requirements, refer to Service Bulletin 101 and the appropriate service publication for the PROCESSOR.

Adjusting the Dryer Temperature

• Use the lowest possible dryer temperature that will maintain proper film drying.
• Drying requirements vary depending on the processing cycle, the room temperature, ventilation and relative humidity, film type, and throughput. Adjust dryer temperature to meet individual site conditions.
• Different processing cycles require different dryer temperatures to compensate for the varying times the film is in the dryer section.
• Refer to the PROCESSOR OPERATOR MANUAL/USER GUIDE for instructions.
**Recommended Film Types vs. Processing Cycle**

The following chart summarizes which FILMS can be processed in which PROCESSOR and at which processing cycle.

- **K** = K/RA (Kwik) Cycle, using *X-Omat* RA/30 Chemicals
- **S** = Standard Cycle, using *RP X-Omat* or *X-Omat* EX II, Medical X-ray Chemicals
- **R** = Rapid Cycle, using *RP X-Omat* or *X-Omat* EX II, Medical X-ray Chemicals

**NA** = Not Applicable
**NR** = Not Recommended

*Note:* Medical X-ray Developer is **not recommended** for use with *Kodak Min-R* FILMS.

<table>
<thead>
<tr>
<th>FILM</th>
<th>PROCESSOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>M7B</strong></td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td><strong>Available Cycles</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>T-Mat</strong> RA FILM</td>
<td>S</td>
</tr>
<tr>
<td><strong>Insight FILM</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>X-Sight</strong> RA FILM</td>
<td>S</td>
</tr>
<tr>
<td><strong>Kodak X-Omat</strong> <strong>BT FILM</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>Min-R</strong> <strong>EV FILM</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>Min-R</strong> 2000 FILM</td>
<td>S</td>
</tr>
<tr>
<td><strong>Min-R</strong> L FILM</td>
<td>S</td>
</tr>
<tr>
<td><strong>Min-R</strong> S FILM</td>
<td>S</td>
</tr>
<tr>
<td><strong>RA Duplicating</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>Kodak EktaScan</strong> <strong>B/RA FILM</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>Kodak EktaScan</strong> <strong>C/RA FILM</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>EHN/EHNC</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>EIR/EIRC, HQB</strong></td>
<td>S</td>
</tr>
<tr>
<td><strong>All Other Films</strong></td>
<td>S</td>
</tr>
</tbody>
</table>

**Note:** Medical X-ray Developer is **not recommended** for use with *Kodak Min-R* FILMS.
General Processor Information

NA = Not Applicable (starter not needed for K/RA cycle)
NC = Not Controlled (temperature)
NR = Process Not Recommended for this film type

Note: Starter Volume for Kodak Min-R FILM assumes a dedicated environment. If non-dedicated, use “All Other Film” info.

<table>
<thead>
<tr>
<th>Processor Model</th>
<th>Cycle</th>
<th>Approx Tank Volume</th>
<th>Starter Volume***</th>
<th>Temperature</th>
<th>Transport Speed</th>
<th>Capacity 35 x 43 cm (18 x 24 cm)</th>
<th>Approx Devl Time</th>
<th>Approx Drop Time**</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>M35</td>
<td>S</td>
<td>2.25 (8.3)</td>
<td>6.5 (190)</td>
<td>N/R</td>
<td>92° F (33.3° C)</td>
<td>40° - 85° F (4° - 29.4° C)</td>
<td>30 (76.2)</td>
<td>94 (145)</td>
</tr>
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<td>M35A</td>
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<tr>
<td>2000</td>
<td>S</td>
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<td>40° - 85° F (4° - 29.4° C)</td>
<td>30 (76.2)</td>
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<td>2000A</td>
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<td>94° F (34.4° C)</td>
<td>40° - 85° F (4° - 29.4° C)</td>
<td>40.1 (101.6)</td>
<td>126</td>
<td>23 (112)</td>
</tr>
</tbody>
</table>

* Fixer temperature may exceed value listed due to internal ambient temperatures in the PROCESSOR.
** Drop Time is defined as the time from the Lead Edge In (LEI) to the Trail Edge Out (TEO) for a 35 x 43 cm film. ( ) represents 18 x 24 cm LEI/TEO.
*** No starter is required for RA/30 or LE+ developer.
For more information please contact:

Eastman Kodak Company
Health Group - TSC
6200 Tennyson Parkway
Plano, TX  75024, USA

1-800-328-2910 (U.S. Only)
972-805-1500 (Outside the U.S.A)

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