X-3D         X-3A
The unbeatable classics in x-ray film processing

- Best durability  - Simple operation  - Minimal maintenance  - Unique price
**GIRARDELLI X-3D** The ideal partner for intra-oral x-ray films

**THE X-3D FULFILS ALL WISHES**

The GIRARDELLI X-3D immersion x-ray processor with integrated daylight attachment fulfils all present requirements of a modern and efficient developing automat:

**Integrated daylight attachment**
Processing under daylight conditions. A darkroom is not necessary.

**Auto-activator**
When pressing the start button, the transport shaft and the dryer-blower are now operative. At the end of the developing process, the appliance will be switched off by pressing the start button again.

**Film holders**
A film clip for up to 3 films as well as a status development basket for up to 18 films are being used for the development of the intra-oral x-ray films.

**Electronical bath heating**
The electronically regulated bath heating guarantees a steady temperature at all times. This way an optimal picture quality and life span of the GIRARDELLI developing concentrate (up to 12 weeks per batch) is achieved.

**Automatic film drying**
Very powerful dryer-blower for fast and efficient film drying.

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Film clip X-3
for all miniature formats

Status development basket X-3
for up to 18 films
2 x 3 cm and 3 x 4 cm
(0.79 x 1.18 in and 1.18 x 1.58 in)
**GIRARDELLI developing concentrate**

The GIRARDELLI X-3D developing concentrate (liquid or powder) harmonizes perfectly with the GIRARDELLI automatic immersion x-ray processors and guarantees an optimal development. The ideal developing temperature lies at 25° C (77° F). This and the possibility to cover the individual bath tanks allow a life span of the developing concentrate of up to 12 weeks (1 batch).

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**WHY GIRARDELLI? CONVINCE YOURSELF**

**Best durability**
- Each component used is extremely stable and proven for many years
- Least service costs over many years

  **GIRARDELLI – extremely durable**

**Minimal maintenance**
- No expensive cleaning aids necessary
- Immersion system, therefore no exchange of expensive roller-systems
- When developing concentrate is being changed, only quick cleaning of bath tanks and transport shaft is necessary

  **GIRARDELLI – frugal and carefree**

**Unique development-capacity**
- Development of an infinity of intra-oral x-ray films
- Up to 18 intra-oral films simultaneously

  **GIRARDELLI – high volume, with pleasure**

**Best life span of GIRARDELLI developing concentrate**
- No expensive regeneration necessary; GIRARDELLI = immersion system
- Up to 12 weeks per batch, therefore much less expensive than other developing concentrates (approx. 4 weeks)

  **GIRARDELLI – it’s worth it**

**Simple operation**
- Via the handling sleeves, the film holders can be loaded with the exposed film and then be put easily onto the transport shaft of the appliance
- For a quick diagnosis you can interrupt and continue the development process

  **GIRARDELLI – developing is this simple**

**Unique price**
- Purchasing price is very reasonable
- Cleaning-, maintenance- and developing concentrate-costs are minimal
- Total costs during product life-cycle are very economic

  **GIRARDELLI – why pay more?**
**INSTALLATION – A CHILDREN’S PLAY**

**Filling and changing the developing concentrate**

To empty out the used concentrate take the baths out of the appliance and empty the liquid into suitable dispo-
sal-canisters. The water bath can be emptied into the waste water system. After a quick cleaning the bath tanks
will be placed back into the appliance.

**Technical information**

<table>
<thead>
<tr>
<th>Operational voltage</th>
<th>220 – 240 V</th>
<th>Frequency</th>
<th>50/60 Hz</th>
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</thead>
<tbody>
<tr>
<td>Power consumption</td>
<td>250 W</td>
<td>Weight</td>
<td>approx. 7 kg</td>
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<tr>
<td>Dimensions</td>
<td>60 x 32 x 33 cm (W x D x H)</td>
<td>Capacity of baths</td>
<td>3 x 1.75 ltr.</td>
</tr>
<tr>
<td></td>
<td>(23.6 x 12.6 x 13 in)</td>
<td>Colour</td>
<td>upper part white, bottom part blue-grey</td>
</tr>
<tr>
<td>Run-through time</td>
<td>approx. 7 minutes</td>
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<td></td>
</tr>
</tbody>
</table>

Subject to change

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**X-3A DAYLIGHT AUTOMATIC IMMERSION X-RAY PROCESSOR**

The X-3A corresponds with the features and quality of the GIRARDELLI X-3D daylight automatic immersion x-ray
processor, but does not include

- an electronical temperature control
- a bath heating
- a film drying

**Technical information**

<table>
<thead>
<tr>
<th>Operational voltage</th>
<th>220 – 240 V</th>
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<th>50/60 Hz</th>
</tr>
</thead>
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<td>Power consumption</td>
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</tr>
<tr>
<td></td>
<td>(23.6 x 12.6 x 13 in)</td>
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</tr>
<tr>
<td>Run-through time</td>
<td>approx. 4 min. 30 sec.</td>
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</tbody>
</table>

Subject to change

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GIRARDELLI
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