

ROENTOROLL I

Application

Suitable for all roller and spray processors. Particularly suitable for Agfa Gevamat 110 and 3M XP 510. **ROENTOROLL I** can be used for all areas of X-ray diagnostics, and for processing X-ray films for non-destructive testing (NDT).

Characteristics

The high speed yield for X-ray films enables the exposure time to be cut (lowering of dose), or the developing temperature to be reduced as against conventional X-ray film developers. Standard X-ray films produce the maximum density in **ROENTOROLL I**. The high anti-oxidant content ensures that **ROENTOROLL I** is very stable. Even at low temperatures (26°C to 28°C) it has high developing activity in comparison to other developers.

ROENTOROLL I has good hardening characteristics, which effectively prevent roller imprinting and other faults during film processing. The concentrates will keep for at least 24 months at storage temperatures between 5°C and 30°C.

Pack sizes

ROENTOROLL I is a three-part developer concentrate, and is supplied in a pack for 2 x 20 litres of ready-to-use developer. Usable with all TETENAL chemical mixers. With a TETENAL adapter **ROENTOROLL I** can also be made up with any other chemical on the market.

Developer temperature

The developing temperature depends on the X-ray film used and on the immersion time in the developer, which varies according to processor type.

The standard figures are:

32°C - 34°C at 90 sec total processing time

29°C - 31°C at 3.5 min total processing time

25°C - 27°C at 7 min and longer total processing time

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Replenishment

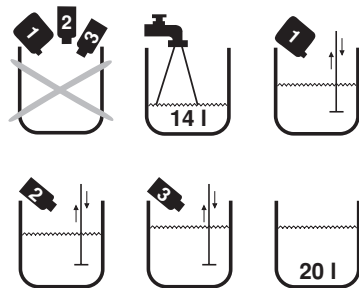
ROENTOROLL I should be replenished at 40 to 65 ml per 35 x 35 cm sheet. The replenishment rate needed for a processor depends on the film throughput. If throughput is low and there are long intervals between processing, the higher replenishment rate must be used. If throughput is high the lower replenishment rate can be used.

Mixing instructions

Never mix Part 1, 2 and 3 concentrates!

Use 14 litres of water. Parts 1, 2 and 3 are stirred in, and produce 20 litres of ready-to-use replenisher.

For fresh mixes in the developer tank, add 20 ml of TETENAL starter (article no. 105445) to the replenisher solution per litre tank volume.



Certification

TETENAL applies a quality management system certified to DIN EN ISO 9001. This product complies with directive 93/42 EEC of 14th June 1993 with regard to medical products (CE labelling).