

ROENTOROLL HC

Application

Suitable for all roller and spray processors. **ROENTOROLL HC** 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 and simultaneous low emulsion-fog level enable 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 develop medium to high contrast in **ROENTOROLL HC**, i.e. all contrasts required under practical conditions in X-ray diagnostics. **ROENTOROLL HC** has good hardening characteristics, which ensures that roller imprints and other faults do not appear during film processing.

The concentrates will keep for at least 24 months at storage temperatures between 5°C and 30°C.

Pack sizes

ROENTOROLL HC is a three-part developer concentrate, and is supplied in a pack for 2 x 20 litres and 2 x 10 litres of ready-to-use developer. The pack for 2 x 10 litres replenisher solution is intended specifically for processors with small replenisher tanks, and processors with a low throughput or little continuous processing. Usable with all TETENAL chemical mixers. With a TETENAL adapter **ROENTOROLL HC** can also be made up with any other chemical on the market.

Developer temperature

The developing temperature depends on the X-ray film material 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

Replenishment

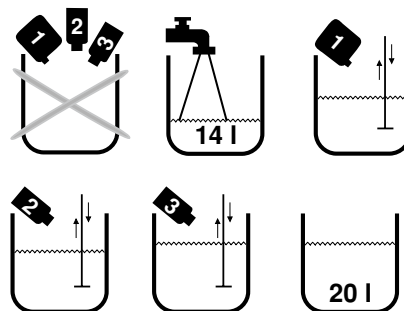
ROENTOROLL HC should be replenished at 50 to 75 ml per 35 x 35 cm sheet. The replenishment rate needed for a processor depends on the film throughput. If throughput is low and there are long intervals between processing, the higher replenishment rate must be used. If throughput is high the lower replenishment 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 operates a fully certified quality management system to DIN EN ISO9001.

This product complies with the medical devices directive 93/42/EEC concerning medical products (CE-marking).