



FUJIFILM C-41 MINILAB CHEMICAL SALES GUIDE

Version E6 02-10

Fuji Hunt Film Processing Chemicals NON FUJIFILM Minilab Processors

NORITSU

AGFA

KIS Photo-Me

KONICA

OTHER BRANDS



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FILM PROCESSING CHEMICALS

Introduction

This "FUJIFILM C-41 Minilab Chemical Sales Guide" , issue "FEB C41 Mini E6/02-10" contains important sales information and processing data for Fuji Hunt C-41 chemical products available for the processing of all brands of colour negative films compatible with Process C-41 on Non Fujifilm makes of minilab, including the latest low film throughput chemistry EnviroNeg Developer 60 AC and EnviroNeg RA Bleach 10 AC, essential for many laboratories as film volumes continue to decrease.

The Fuji Hunt "EnviroNeg" and "Negacolor" chemical product ranges listed in this guide are formulated for optimum processing with Process C-41. This product range can easily be installed on a wide range of non FUJIFILM type minilabs engineered to take either mixed replenisher or cartridge chemicals - starting from liquid type concentrates or ready to use replenisher.

The Fuji Hunt chemical product range, offering a wide selection of "Air Control" products allowing odour-free processing, offers not only optimum photographic quality but also excellent chemical stability (even at low film processing volumes), economic advantages and environmental benefits by using the very latest technologies. The entire product range fully complies with the FUJIFILM Green Policy.

Switching to Fuji Hunt C-41 chemicals is very easy by just simply mixing the recommended Fuji Hunt chemical following the mixing instructions supplied. Depending on the product chosen for a type of film processor, you may need to adjust the replenishment rate, and possibly the processing temperature.

The purpose of the "FUJIFILM C-41 Chemical Sales Guide for Minilabs" is to provide essential information for minilab sales and sales-technical staff by listing:

- the make and type of minilab
- indicating a recommended range of chemical products with
 - catalogue numbers
 - product packaging
 - processing conditions

The following makes of film processing minilabs are covered:

- Noritsu Minilabs
 - Conventional type processors
 - C-41 SM type processors
- AGFA Minilabs
- KIS Photo-Me Minilabs
- Konica Minilabs
 - Liquid type Konica film processor only.
 - Fuji Hunt does not offer an alternative for Konica's Ecojet (tablet) chemistry
- Other brands

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More detailed information can be obtained:

- from your local FUJIFILM representative
- at www.fujifilm.eu/europe/esclusivo

CHEMICALS FOR NORITSU FILM MINILABS

Noritsu Film Processors with conventional replenisher tanks

Cat N°	Product	Size	Temp	Rep Rate	N° films
998 518	EnviroNeg Developer Replenisher 60 AC	2 x 5 L	37.8 °C	60 ml/135-24	167
954 693	EnviroNeg Developer Replenisher AC	2 x 10 L	37.8 °C	41 ml/135-24	488
990 101	EnviroNeg Developer Replenisher LR AC	2 x 5 L	37.8 °C	21 ml/135-24	476
954 743	EnviroNeg Developer Replenisher LR AC	2 x 10 L	37.8 °C	21 ml/135-24	952
972 497	<i>EnviroNeg Universal Developer Starter AC</i>	<i>6 x 1 L conc</i>			
998 534	EnviroNeg RA Bleach & Replenisher 10 AC	2 x 5 L	38 °C	10 ml/135-24	1.000
971 135	EnviroNeg RA Bleach & Replenisher AC	2 x 5 L	38 °C	5 ml/135-24	2.000
992 016	Negacolor RA Fixer & Replenisher	4 x 5 L	38 °C	35 ml/135-24	571
992 024	Negacolor RA Fixer & Replenisher	4 x 10 L	38 °C	35 ml/135-24	1.143
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x(10x10L)	38 °C	40 ml/135-24	5.000

Noritsu Film Processors with "SM" cartridge concept

Cat N°	Product	Size	Temp	Rep Rate	N° films
999 582	DIS Film N1 Developer Replenisher 45	4 x 2 L	37.8 °C	45 ml/135-24	178
972 497	<i>EnviroNeg Universal Developer Starter AC</i>	<i>6x1 L conc.</i>			
999 585	DIS Film N2 Bleach Replenisher 10	6x 1 L conc.	38 °C	6 ml/135-24	1000
979 682	DIS Film N3 Fixer Replenisher	4x 2 L conc.	38 °C	17 ml/135-24	471
979 690	DIS Film N4 Superflo Stabilizer & Repl.	6x 1 L conc.	38 °C	30 ml/135-24	20,000

Equipment required to convert Noritsu Film "SM" processor to DIS chemistry

Cat N°	Product
990 184	DIS C41 Tank 2121
990 176	DIS Stand + Power Adaptor + 2 Unit wire
990 267	DIS Power Adaptor + Main Cable and 4 hooks
995 209	DIS Adaptor kit

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CHEMICALS FOR AGFA FILM PROCESSORS

Chemicals for Agfa d-lab.1 Minilab Film Processors

Cat N°	Product	To Process	Temp	Rep Rate
d-lab.1 Processor Replenisher Cartridges				
995 027	EnviroNeg ADM Film Cartridge F1	4 x 400 films		
995 035	EnviroNeg ADM Film Cartridge F2.DL	2 x 200 films		
d-lab.1 Processor : chemicals to prepare tank solution				
990 101	EnviroNeg Developer Replenisher Kit LR AC	2 x 5 L		
972 497	EnviroNeg Universal Developer Starter AC	6 x 1 L conc		
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L		
992 016	EnviroNeg RA Fixer & Replenisher	4 x 5 L		
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2 x (10 x 10 L)		

IMPORTANT:

EnviroNeg ADM Film Cartridges F1 / F2.DL are a perfect match as replacement products for Agfa Photo "Easy Chemicals" FILM BOX 1" and Agfa Photo "Easy Chemicals" FILM BOX 2" for d-lab.1 series. You simply install the Fuji Hunt EnviroNeg ADM Film cartridges without changing any operating conditions.

Chemicals for Agfa FP210 Minilab Film Processors

Cat N°	Product	To Process	Temp	Rep Rate
FP210 Processor Replenisher Cartridges				
995 027	EnviroNeg ADM Film Cartridge F1	4 x 400 films		
995 043	EnviroNeg ADM Film Cartridge F2.FP	2 x 200 films		
FP 210 Processor : chemicals to prepare tank solution				
990 101	EnviroNeg Developer Replenisher Kit LR AC	2 x 5 L		
972 497	EnviroNeg Universal Developer Starter AC	6 x 1 L conc		
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L		
992 016	EnviroNeg RA Fixer & Replenisher	4 x 5 L		
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2 x (10 x 10 L)		

IMPORTANT:

EnviroNeg ADM Film Cartridges F1 / F2.FP are a perfect match as replacement products for Agfa Photo "Easy Chemicals" FILM BOX 1" and Agfa Photo "Easy Chemicals" FILM BOX 2" for fp.210 series. You simply install the Fuji Hunt EnviroNeg ADM Film cartridges without changing any operating conditions.

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Chemicals for Agfa FP100 and FP200 Minilab Film Processors

Chemicals for Agfa FP1-72, FP2-72 and FP3-72 Minilab Film Processors

Cat N°	Product	Size	Temp	Rep Rate	N° films
998 518	EnviroNeg Developer Replenisher 60 AC	2 x 5 L	37.8 °C	60 ml/135-24	167
954 693	EnviroNeg Developer Replenisher AC	2 x 10 L	37.8 °C	41 ml/135-24	488
954 743	EnviroNeg Developer Replenisher LR AC	2 x 10 L	37.8 °C	21 ml/135-24	952
972 497	<i>EnviroNeg Universal Developer Starter AC</i>	<i>6 x 1 L conc.</i>			
998 534	EnviroNeg RA Bleach & Replenisher 10 AC	2 x 5 L	38 °C	10 ml/135-24	1.000
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L	38 °C	5 ml/135-24	2000
992 024	EnviroNeg RA Fixer & Replenisher	4 x 10 L	38 °C	35 ml/135-24	1143
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x (10x10 L)	38 °C	40 ml/135-24	5000

Chemicals for Agfa MSC101 Minilab Film Processors

Cat N°	Product	Size	Temp	Rep Rate	N° films
990 101	EnviroNeg Developer Replenisher LR AC	2 x 5 L	37.8 °C	21 ml/135-24	476
972 497	<i>EnviroNeg Universal Developer Starter AC</i>	<i>6 x 1 L conc.</i>			
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L	38 °C	5 ml/135-24	2000
992 016	Negacolor RA Fixer & Replenisher	4 x 5 L	38 °C	35 ml/135-24	572
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x (10x10 L)	38 °C	40 ml/135-24	5000

Chemicals for Agfa FP1-71, FP2-71 and FP3-71 Minilab Film Processors

Cat N°	Product	Size	Temp	Rep Rate	N° films
998 518	EnviroNeg Developer Replenisher 60 AC	2 x 5 L	37.8 °C	60 ml/135-24	167
954 693	EnviroNeg Developer Replenisher AC	2 x 10 L	37.8 °C	41 ml/135-24	488
954 743	EnviroNeg Developer Replenisher LR AC	2 x 10 L	37.8 °C	21 ml/135-24	952
972 497	<i>EnviroNeg Universal Developer Starter AC</i>	<i>6 x 1 L conc.</i>			
998 534	EnviroNeg RA Bleach & Replenisher 10 AC	2 x 5 L	38 °C	5 ml/135-24	2000
992 024	Negacolor RA Fixer & Replenisher	4 x 10 L	38 °C	35 ml/135-24	1143
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x (10x10 L)	38 °C	40 ml/135-24	5000

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CHEMICALS FOR KIS Photo-Me FILM PROCESSORS

Chemicals for KIS Photo-Me AKS 16 Minilab Film Processor

Cat N°	Product	Size	Temp	Rep Rate	N° films
998 518	EnviroNeg Developer Replenisher 60 AC	2 x 5 L	37.8 °C	60 ml/135-24	167
954 693	EnviroNeg Developer Replenisher AC	2 x 10 L*	37.8 °C	41 ml/135-24	488
990 101	EnviroNeg Developer Replenisher LR AC	2 x 5 L	37.8 °C	21 ml/135-24	476
972 497	<i>EnviroNeg Universal Developer Starter AC</i>	<i>6 x 1 L conc.</i>			
998 534	EnviroNeg RA Bleach & Replenisher 10 AC	2 x 5 L	38 °C	10 ml/135-24	1.000
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L	38 °C	5 ml/135-24	2000
992 016	EnviroNeg RA Fixer & Replenisher	4 x 5 L	38 °C	35 ml/135-24	571
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x (10x10 L)	38 °C	40 ml/135-24	5000

* A 5L mixing bottle can be provided on request, cat. no. 999 021. This allows use of a 2 x 10L pack

Chemicals for KIS Photo-Me AKS 32 and AKS 52 Minilab Film Processors

Cat N°	Product	Size	Temp	Rep Rate	N° films
998 518	EnviroNeg Developer Replenisher 60 AC	2 x 5 L	37.8 °C	60 ml/135-24	167
954 693	EnviroNeg Developer Replenisher AC	2 x 10 L	37.8 °C	41 ml/135-24	488
954 743	EnviroNeg Developer Replenisher LR AC	2 x 10 L	37.8 °C	21 ml/135-24	952
972 497	<i>EnviroNeg Universal Developer Starter AC</i>	<i>6 x 1 L conc.</i>			
998 534	EnviroNeg RA Bleach & Replenisher 10 AC	2 x 5 L	38 °C	10 ml/135-24	1.000
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L	38 °C	5 ml/135-24	2000
992 024	EnviroNeg RA Fixer & Replenisher	4 x 10 L	38 °C	35 ml/135-24	1143
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x (10x10 L)	38 °C	40 ml/135-24	5000

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CHEMICALS FOR KONICA FILM PROCESSORS

Chemicals for Konica Minilab NPS 8-series and 612QA* Minilab Film Processors

(Konica CNK-4-52 LR process)

* : with CL PK50E processor

Cat N°	Product	Size	Temp	Rep Rate	N° films
954 743	EnviroNeg Developer Replenisher LR AC	2 x 10 L	37.8 °C	21 ml/135-24	952
972 497	EnviroNeg Universal Developer Starter AC	6 x 1 L conc			
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L	38 °C	5 ml/135-24	2000
992 024	Negacolor RA Fixer & Replenisher	4 x 10 L	38 °C	35 ml/135-24	1143
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x(10x10 L)	38 °C	40 ml/135-24	5000

IMPORTANT INFORMATION:

With the large decline in film volumes FUJIFILM recommends installing higher replenishment rate products to guarantee developer and fixer process stability with the process CNK-4-52 LR:

- EnviroNeg Developer LR AC running at 21 ml/135-24 film instead of Konica's recommended 15 ml/135-24.
- EnviroNeg RA Fixer running at 35 ml/135-24 film instead of Konica's recommended 21 ml/135-24*.

Chemicals for Konica Minilab NPS 8-series and 612QA* Minilab Film Processors

(Konica CNK-4-52 process)

* : with CL PK50E processor

Cat N°	Product	Size	Temp	Rep Rate	N° films
954 743	EnviroNeg Developer Replenisher LR AC	2 x 10 L	37.8 °C	21 ml/135-24	952
972 497	EnviroNeg Universal Developer Starter AC	6 x 1 L conc			
971 135	EnviroNeg RA Bleach Replenisher AC	2 x 5 L	38 °C	5 ml/135-24	2000
992 024	Negacolor RA Fixer & Replenisher	4 x 10 L	38 °C	35 ml/135-24	1143
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x (10x10 L)	38 °C	40 ml/135-24	5000

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Chemicals for Konica Minilab NPS 4,5 and 6*-series Minilab Film Processors

(Konica CNK-4-40 process)

* : except NPS 612QA minilab with CL PK50E processor

Cat N°	Product	Size	Temp	Rep Rate	N° films
998 518	EnviroNeg Developer Replenisher 60 AC	2 x 5 L	37.8 °C	60 ml/135-24	167
954 693	EnviroNeg Developer Replenisher AC	2 x 10 L	37.8 °C	41 ml/135-24	488
972 497	EnviroNeg Universal Developer Starter AC	6 x 1 L conc			
998 534	EnviroNeg RA Bleach & Replenisher 10 AC	2 x 5 L	35 °C	10 ml/135-24	1000
992 024	Negacolor RA Fixer & Replenisher	4 x 10 L	35 °C	35 ml/135-24	1143
929 349	Negacolor Superflo Stabilizer & Replenisher	10 x 10 L	35 °C	35 ml/135-24	2857
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x(10x10 L)	35 °C	35 ml/135-24	5714

IMPORTANT INFORMATION:

When converting Konica K-4-40 process to Fuji Hunt C41 process:

- the replenishment rate of the developer must be lowered from 51 ml to 41 ml/135-24.

If EnviroNeg Developer 60 is used because of low film processing volumes, the developer replenishment rate should be increased to 60 ml / 135-24.

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FILM PROCESSING CHEMICALS FOR OTHER BRAND MINILABS

(Standard processing time conditions)
(Not included: FUJIFILM Film Processors)

Cat N°	Product	Size	Temp	Rep Rate	N° films
DEVELOPERS					
998 518	EnviroNeg Developer Replenisher 60 AC	2 x 5 L	37.8 °C	60 ml/135-24	167
954 693	EnviroNeg Developer Replenisher AC	2 x 10L	37.8 °C	41 ml/135-24	488
990 101	EnviroNeg Developer Replenisher LR AC	2 x 5L	37.8 °C	21 ml/135-24	476
954 743	EnviroNeg Developer Replenisher LR AC	2 x 10L	37.8 °C	21 ml/135-24	952
972 497	EnviroNeg Universal Developer Starter AC	6 x1 L conc			
BLEACH					
998 534	EnviroNeg RA Bleach & Replenisher 10 AC	2 x 5 L	38 °C	10 ml/135-24	1000
947 192	EnviroNeg RA Bleach AC	2 x 5 L	38 °C	5 ml/135-24	2000
FIXER					
992 016	Negacolor RA Fixer	4 x 5 L	38 °C	35 ml/135-24	572
992 024	Negacolor RA Fixer	4 x 10 L	38 °C	35 ml/135-24	1143
STABILIZER					
991 596	EnviroNeg FF Superflo Stabilizer MB AC	2x (10 x10L)	38 °C	40 ml/135-24	5000

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