



Print Chemicals: For Minilabs

Standard Process



P1 Mydoprint VR Developer Replenisher:

- Variable rate replenishment developer
- Recommended standard replenishment rate of 160mls/m² at 35°C
- Lower replenishment rate of 100mls/m² at 38°C
- Super clean formulation reduces 3 types of developer dirt:
 1. Developer Creep (oxidized developer agent on crossover rollers/racks)
 2. Tar-like suspended oxidized compounds in the developer solution that stick to rollers and racks.
 3. Cement-like calcified salts, from the local hard water and paper, which falls to the bottom of the tank.
- FRESH AIR INCLUDED - no fishy amine smell

P2 Mydoprint AIR RA Bleach Fix Replenisher:

- ODOUR FREE - contains no acetic acid (no vinegar smell)
- Very tolerant to low throughput/low turnover conditions in either small or large format machines.
- Replenishment rate of 215mls/m² at 35°C
- Highly stable
- Bright base whites

P3 Mydoprint Rinse:

- Works well with all RA-4 chemistry systems

P1	Mydoprint VR Developer Replenisher	2x10L	140133
P1	Mydoprint VR Developer Replenisher	100L	140134
P2	Mydoprint Air RA Bleach Fix Replenisher	2x10L	140557
P2	Mydoprint Air RA Bleach Fix Replenisher	40L	140553
P3	Mydoprint Rinse	2x100L	141010

Primaprint RA 38 (Prime Replacement).



P1 Primaprint RA38 Developer Replenisher

- Drop-in replacement for Kodak Ektacolor Prime* Developer Replenisher
- Replenishment rate of 160mls/m² at 38°C
- FRESH AIR INCLUDED - no fishy amine smell
- Super clean formulation significantly reduces 3 types of dirt:
 1. Developer Creep (oxidized developer agent on crossover rollers/racks)
 2. Tar-like suspended oxidized compounds in the developer solution that stick to rollers and racks.
 3. Cement-like calcified salts, from the local hard water and paper that falls to the bottom of the tank
- Bright base whites

P2 Primaprint AIR RA Bleach Fix Replenisher:

- Drop-in replacement for Kodak Ektacolor Prime* Bleach-Fix
- Replenishment rate of 108mls/m² at 38°C
- Odorless - no acetic acid (no vinegar smell)

P3 Mydoprint Rinse:

- Works well with all RA-4 chemistry systems

P1	Primaprint RA 38 Developer Replenisher	2x100L	140153
P1	Primaprint RA 38 Developer Replenisher	100L	140154
P2	Primaprint Air RA Bleach Fix Replenisher	2x10L	140529
P2	Primaprint Air RA Bleach Fix Replenisher	2x5L	140550
P2	Primaprint Air RA Bleach Fix Replenisher	A' 80L	140551
P2	Primaprint Air RA Bleach Fix Replenisher	B' 80L	140552
P3	Mydoprint Rinse	2x100L	141010

Preparation: Standard Process

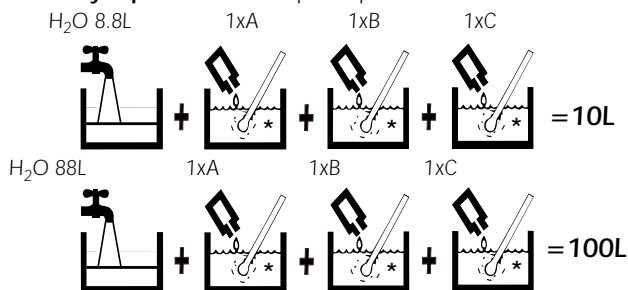
Print Chemicals for Minilabs



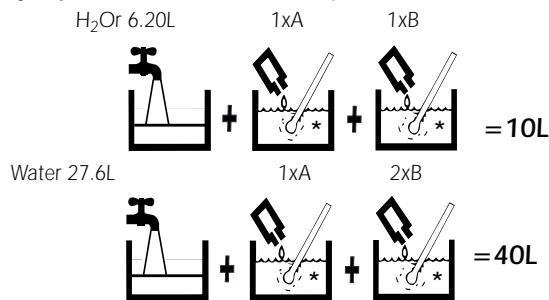
Replenisher Solutions

* Mix well

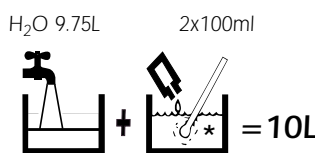
P1 - Mydoprint VR Developer Replenisher



P2 - Mydoprint AIR RA Bleach-Fix Replenisher



P3 - Mydoprint Rinse



Tank Solutions

P1 - Mydoprint VR Developer Replenisher

35°C Replenisher 700ml, Starter 25ml, Water 275ml



38°C Replenisher 700ml, Starter 40ml, Water 260ml



For P2, Mydoprint AIR RA Bleach-Fix and P3, Mydoprint Rinse, preparation of the working solution is same as the Replenisher

PROCESS SPECIFICATIONS

35°C

*recommended starting point

Step	Processing Stage	Processing Time (Sec)	Recommended Temp.	Replenishment Rate*	Preparation of Working Solution (1L)
P1	Mydoprint VR Developer Replenisher	45	35.0±0.3°C	130-160 ml/sq m	1) 700ml Dev. Repl. 2) 275ml water 3) 700ml Dec. Repl.
P2	Mydoprint AIR	45+	35.0±2.0°C	215± ml/sqm	Same as Replenisher

38°C

P1	Mydoprint VR Developer Replenisher	45	38±0.3°C	100± ml/sq m	1) 700ml Dev. Repl. 2) 260ml water 3) 40ml starter
P2	Mydoprint AIR RA Bleach-Fix Replenisher	45+	35.0±2.0°C	215± ml/sq m	Same as Replenisher

2. Then

P3	Mydoprint Rinse	89-210	35.0±3.0°C	323 ml/sq m	same as replenisher
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3. or

	Wash	89-210	35.0±3.0°C	9 L/minute flow	
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REPLENISHMENT RATE

Paper Width	Replenisher Addition (ml/linear metre)		
	P1 Mydoprint VR Dev Rep @35°C	P2 Mydoprint AIR RA Bleach Fix Replenisher @38°C	P3 Mydoprint RA Rinse
8.9 cm	14	9.5	29
10.2 cm	16	10.9	33
12.7 cm	21	13.6	41
20.3 cm	33	21.7	66
40.6 cm	66	43.4	131

CHEMISTRY SPECIFICATIONS

	P1 Mydoprint VR Developer		P2 Mydoprint AIR RA Bleach-Fix	
	Seasoned Tank	Replenisher Tank	Seasoned Tank	Replenisher Tank
pH	10.06 ±0.10	10.52 ±0.05	6.4 ±0.2	5.9 ±0.2
Sp Gr	1.026 ±0.010	1.026 ±0.003	1.067 ±0.01	1.074 ±0.01

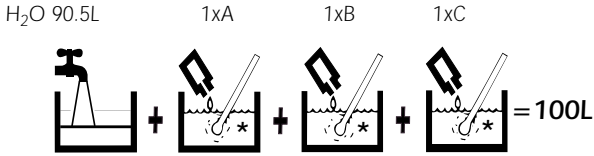
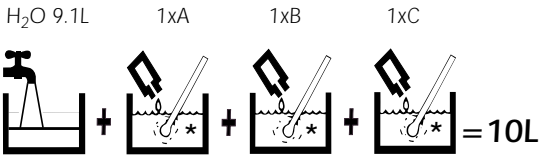
Preparation: **Primaprint**

Print Chemicals for Minilabs

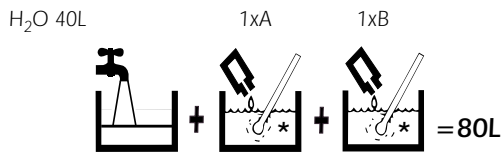
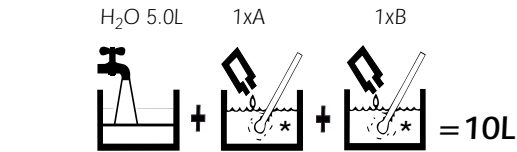
Replenisher Solutions

* Mix well

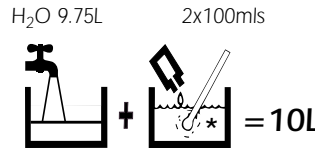
P1 - Primaprint RA 38 Print Developer Replenisher



P2 - Primaprint AIR RA Bleach-Fix Replenisher NR

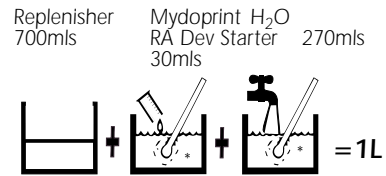


P3 - Mydoprint RA Rinse



Tank Solutions

P1 - Primaprint RA 38 Developer Replenisher



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 For P2, **Primaprint Air** Bleach-Fix and P3, Mydoprint Rinse, preparation of the tank solution is same as the Replenisher

PROCESS SPECIFICATIONS

*recommended starting point

Step	Processing Stage	Processing Time (Sec)	Recommended Temp.	Replenishment Rate*	Preparation of Working Solution (1L)
P1	Primaprint RA 38 Developer Replenisher (Fresh Air included)	45	38±0.3°C	160ml/sq	1) 30ml starter 2) 270ml water 3) 700ml Dev. Repl.
P2	Primaprint Air RA Bleach Fix Replenisher	45	38±3.0°C	108±ml/sq m	same as replenisher

2. Then

P3	Mydoprint Rinse	89-210	35.0±2°C	320ml/sq m	same as replenisher
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REPLENISHMENT RATE

Paper Width	Replenisher Addition (ml/linear metre)		
	P1 Dev Replenisher	P2 Bleach Fix Replenisher	P3 Rinse
8.9 cm	14	9.6	29
10.2 cm	16	11.0	33
12.7 cm	21	13.7	41
20.3 cm	33	21.9	66
40.6 cm	66	43.8	131

CHEMISTRY SPECIFICATIONS

@20°C	P1 Primaprint RA 38 Developer		P2 Primaprint Air RA Bleach-Fix	
	Seasoned Tank	Replenisher Tank	Seasoned Tank	Replenisher Tank
pH	10.10 ±0.1	10.75 ±0.05	6.75 ±0.2	5.9 ±0.1
Sp Gr	1.031 ±0.005	1.028 ±0.005	1.085 ±0.010	1.100 ±0.01



The new Profile Quality Control (updated in 2000) system is comprised of two key elements - Profile Control Strips and Profile Quality Control Software. Our new Profile Control Strips are easy to work with and have been optimized to give the best results with Champion chemistry. Our new Profile Quality Control Software has been manufactured under strict quality control procedures and is ISO 9002.

Champion Photochemistry and L.B. Russell Chemicals are the only independent chemical manufacturers worldwide to make control strips and to market a QC software.

The Profile Quality Control System offers the following features & benefits:

- Extremely user-friendly
- Outstanding diagnostic components
- Full colour clothesline plot reports
- Full data on history, current status and diagnosis
- Early detection process
- Recommendations for corrective action plans
- Full technical support available
- Updates to software sent automatically to current registered users
- New email feature allows labs to email files to your central site for timely evaluation

STORAGE OF CHEMICALS:

- **Concentrates** - All of the processing system concentrates have a normal storage life of at least 12 months, when held in unopened containers under steady temperature conditions 13°-18°C. However, storage temperature below 5°C should be avoided as some crystallization may occur.
- **Working Solutions and Replenishers** - Machine tank solutions should not be allowed to stand unused for more than one week, or the activity will be reduced by aerial oxidation. No more than one week's supply of any of the replenisher solutions should be made up at a time.

Replenisher solutions should be kept covered with lids to reduce evaporation, oxidation and contamination.

- **Safe Use of Processing Chemicals** -All chemicals should be kept out of reach of children. Refer to labels on the box and to the Material Safety Data Sheet for precautionary information. Protective clothing, including gloves and face/eye protection should always be worn when handling chemicals.

Contact our Technical Services Department or your local representative to determine which combination of chemicals is best suited for you.

WARRANTY: Seller, Champion Photochemistry International Limited, expressly disclaims any and all warranties, express or implied, including any warranties of merchantability or fitness. Seller's sole obligation for defect is to replace the defective product. In no event shall seller have any liability for incidental or consequential damages.

For a complete list of the C41 chemicals which complement this system of chemistry, please refer to TDS # F-1.

Manufactured By

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