



Film Chemicals: For Professional Labs

Standard Process



N1 Mydoneg Developer Replenisher:

- For processing colour negative film in standard C-41 processors
- High stability under very low workload conditions
- Compatible with similar chemical systems
- Replenishment rate of 28-42mls/roll of 135/24

N2 Mydoneg AIR Bleach III Replenisher:

- No acetic acid (no vinegar smell)
- Minimum minute bleach time
- High activity eliminates silver retention
- Easy Recycling with Regeneration

N3 Mydoneg Fixer Replenisher:

- Works well with all C-41 chemistry systems

N4 Mydoneg/Mydochrome 6 Stabiliser Replenisher:

- Works well in a wide variety of prolab applications
- Less chance of water spotting in Dip & Dunk and Wing Lynch - style machines

N1	Mydoneg Developer Replenisher	2x50L	140110
N2	Mydoneg Air Bleach III	50L	140344
N2-R	Mydoneg Air Bleach III Regenerator	2x100L	140346
N3	Mydoneg Fixer Replenisher	100L	140205
N4	Mydoneg/Mydo6 Stabiliser Repl.	6x100L	140602
N1-S	Mydoneg Developer Starter	1L	140404
	Profile C-41 Process Control Strips	20	141501

Mydoneg Professional



N1 Mydoneg Developer Replenisher:

- For processing colour negative film in standard C-41 processors
- High stability under very low workload conditions
- Compatible with similar chemical systems
- Replenishment rate of 28-42mls/roll of 135/24

N2 Mydoneg AIR Profesional Bleach III Replenisher

- No acetic acid (no vinegar smell)
- Minimum 3 minute bleach time
- High activity eliminates silver retention

N3 Mydoneg Professional Fixer Replenisher:

- Works well with all C-41 chemistry systems

N4 Mydoneg/Mydochrome 6 Stabiliser Replenisher:

- Works well in a wide variety of prolab applications
- Less chance of water spotting in Dip & Dunk and Wing Lynch - style machines

N1	Mydoneg Developer	2x10L	140156
N2	Mydoneg Air Prof Bleach III	2x10L	140345
N3	Mydoneg Prof Fixer	2X20L	140203
N4	Mydoneg/Mydo6 Stabiliser	6x100L	140602
N1-S	Mydoneg Developer Starter	1L	140404
	Profile C-41 Process Control Strips	20L	141501

Preparation: Standard Process

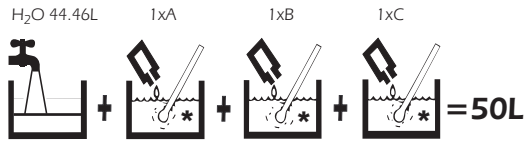
Film Chemicals for Professional Labs



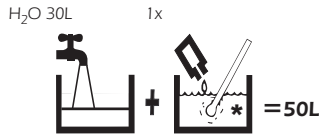
Replenisher Solutions

* Mix well

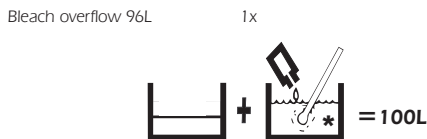
N1 - Mydoneg Developer Replenisher



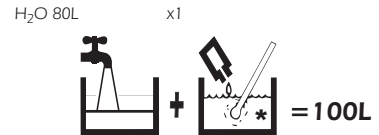
N2 - Mydoneg Air Bleach III Replenisher



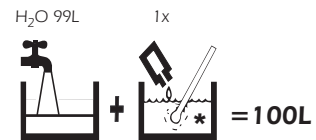
N2 - Mydoneg Bleach III Regenerator



N3 - Mydoneg Fixer Replenisher



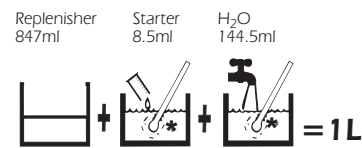
N4 - Mydoneg/Mydochrome 6 Stabiliser Replenisher



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 For **N2, Mydoneg Air Professional Bleach, N3, Mydoneg Fixer** and **N4 Mydoneg/Mydochrome 6 Stabilizer**, preparation of the tank solution is same as the Replenisher

Tank Solution

N1 - Mydoneg Developer Replenisher



PROCESS SPECIFICATIONS

Step	Processing Stage	Recommended Temperature °C	Processing Time (Sec)	Replenishment Rate*(ml/roll of 135/24)	Preparation of Working Solution (1L)
N1	Mydoneg Developer	37.8±0.15°C	195	28 - 42	1) 8.5ml starter 2) 144ml H ₂ O 3) 847ml replenisher
N2	Mydoneg Air Bleach III	38.0±3.0°C	180 - 260	33	same as replenisher
N2-R	Mydoneg Bleach III Regenerator	38.0±3.0°C	180 - 260	33	Use Mydoneg Air Bleach III Replenisher
N3	Mydoneg/Mydoneg Plus Fixer	38.0±3.0°C	180 - 260	33	same as replenisher
N4	Mydoneg/Mydochrome 6 Stabiliser	38.0±3.0°C	65	40	same as replenisher

*recommended starting point

CHEMISTRY SPECIFICATIONS

	N1 Mydoneg Developer		N2 Mydoneg Air Bleach III		N2-2 Mydoneg Bleach III Regenerator		N3 Mydoneg Fixer		N4 Mydoneg/Mydochrome 6 Stabiliser	
	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank
pH	10.05 ±0.5	10.15 ±0.05	4.50 ±0.2	4.25 ±0.05	4.75 ±0.10	4.67 ±0.10	6.60 ±0.30	6.70 ±0.10	N/A	N/A
Sp Gr.	1.039 ±0.003	1.040 ±0.003	1.083 ±0.02	1.080 ±0.02	1.098 ±0.015	1.101 ±0.015	1.077 ±0.005	1.097 ±0.005	1.005 ±0.005	1.005 ±0.005

Preparation: Professional Labs

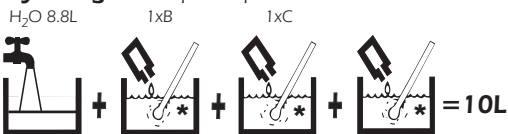
Film Chemicals for Professional Labs



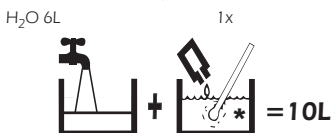
Replenisher Solutions

* Mix well

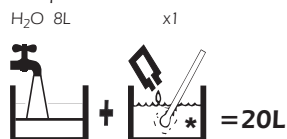
N1 - Mydoneg Developer Replenisher



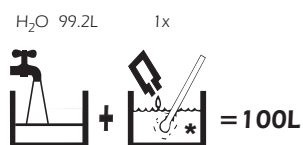
N2 - Mydoneg Air Bleach III Replenisher



N3 - Mydoneg Prof Fixer Replenisher

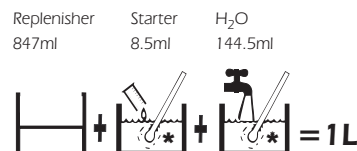


N4 - Mydoneg/Mydochrome 6 Stabiliser Replenisher



Tank Solutions

N1 - Mydoneg Developer



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 For **N2, Mydoneg Air Professional Bleach**, **N3, Mydoneg Fixer** and **N4 Mydoneg/Mydochrome 6 Stabilizer**, preparation of the tank solution is same as the Replenisher

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 For **N3, Mydoneg Plus Fixer Replenisher** and **N4, Mydoneg Plus Stabiliser Replenisher**, preparation of the working solution is same as the Replenisher

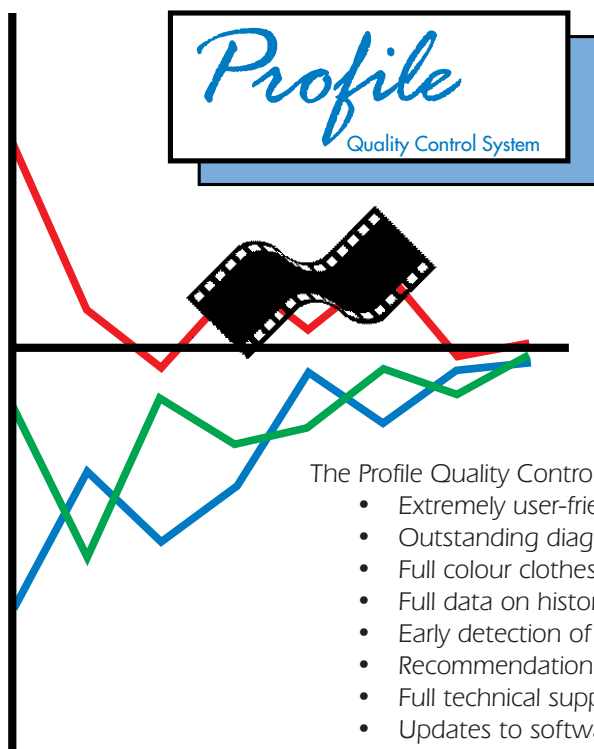
PROCESS SPECIFICATIONS

Step	Processing Stage	Recommended Temperature °C	Processing Time (Sec)	Replenishment Rate*(ml/roll of 135/24)	Preparation of Working Solution (1L)
N1	Mydoneg Developer	37.88±0.15°C	195	28-42	1) 8.5ml replenisher 2) 144ml water 3) 847ml replenisher
N2	Mydoneg Air Professional Bleach III	38.0±3.0°C	180 - 260	33	same as replenisher
N3	Mydoneg Professional Fixer	38.0±3.0°C	180 - 260	33	same as replenisher
N4	Mydoneg/Mydochrome 6 Stabiliser Replenisher	38.0±3.0°C	180 - 260	40	same as replenisher

*recommended starting point

CHEMISTRY SPECIFICATIONS

	N1 Mydoneg Developer		N2 Mydoneg Air Bleach III		N3 Mydoneg Fixer Repl		N4 Mydoneg Mydochrome 6 Stabiliser	
	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank	Seasoned Tank	Repl. Tank
pH	10.05	10.15 ±0.05	4.50 ±0.2	4.25 ±0.05	6.60 ±0.30	6.70 ±0.10	7.50 ±0.2	7.40 ±0.2
Sp Gr.	1.040 ±0.003	1.039 ±0.003	1.083 ±0.02	1.080 ±0.02	1.077 ±0.005	1.097 ±0.01	1.005 ±0.005	1.005 ±0.005



The Profile Quality Control 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.

Champion Photochemistry and Russell Photochemistry 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 of potential process problems
- 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 RA-4 chemicals which complement this system of chemistry, please refer to TDS # R5, R10, R12, R14, R18

Manufactured By

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