



# TETENAL minilab chemistry: Simple, quick and safe!

## Chemistry from the standpoint of the user

A modern laboratory needs more than just fully automated machines. The importance of processing chemicals must not be underestimated - after all, operators place high demands on the concepts behind these compounds. Superior chemical engineering offers effective solutions. Specific product lines were developed in order to meet the demands of various customer groups. Depending on machine type and individual processing conditions, various concepts are used in order to meet the users key criteria - chemicals that are odourless, easier to process, and economical.

## Specific solutions for greater cost effectiveness and comfort

- Highly economical
- Low chemical consumption
- Low disposal costs
- Reduced amount of labour
- Fewer mixes
- Less storage space required
- Reduced volume of waste

## ecojet

### ecojet the dry solution

ecojet cartridges offer a simple, clean and odourless working environment achieving a much higher efficiency in comparison to liquid chemistry. This saves money, it will cut the stock costs by half and also reduce the waste treatment costs. Consequently, ecojet is doing justice to the environment. ecojet the safe chemical solution encourages even untrained employees to easily and immediately begin processing as working with liquids is eliminated. ecojet stands for perfection, reliability and best image quality

### The advantages:

Simple, clean handling, enormous



TETENAL ecojet cartridges offer a simple, dry resp. clean processing. Just click in the cartridges - done!

savings in time, odourless chemistry, absolute processing safety, simple logistics, the highest level of economic efficiency, ecological benefits, reduced storage space and high process stability - these are the nine most important reasons for this revolutionary system.

## ecojet

### ecojet P-Compact Type 02

For Noritsu and Konica Minolta ecojet Minilabs Art. No. 100441

### ecojet-N Type 04-LR

For Konica Minolta ecojet film processors Art. No. 100401



TETENAL compactline cartridges offer a simple and comfortable refilling of photo chemicals.



## compactline

### compactline - the cartridge system

compactline cartridges - minilab chemicals in cartridge form - are designed to match the operating procedures and handling of i.e. Frontier and d-lab minilabs.

In comparison to standard minilab chemicals, compactline cartridges offer a series of benefits in terms of convenience and efficiency.

### The advantages:

compactline cartridges are designed to be docked on and replaced in a few simple steps - even by untrained staff. Their ultra-compact design reduces storage requirements and with it logistical costs in the company. All compactline components are so well matched with the relevant minilab in terms of their formulation and function that efficiency is maximised.

## compactline

### d-lab.1/d-lab.2

**RA-4 Paper Cartridges Type 75** Art. No. 103016

Replenisher kit with two cartridges for 2 x 75 m<sup>2</sup> especially for low workload

**RA-4 Paper Cartridges Type 110** Art. No. 103050

Replenisher kit with two cartridges for 2 x 110 m<sup>2</sup>

### d-lab.1/fp.210

**Film Cartridge F1 for d-lab.1/fp.210** Art. No. 103116

Kit with 4 Cartridges for 4 x 400 films

**Film Cartridge F2 for d-lab.1** Art. No. 103117

Kit with 2 Cartridges for 2 x 200 films

**Film Cartridge F2 for fp.210** Art. No. 103118

Kit with 2 Cartridges for 2 x 200 films

### Frontier 330/350/355/370/375/390

**RA-4 Paper Cartridges Type 48** Art. No. 103012

Replenisher kit with two cartridges for 2 x 111 m<sup>2</sup>

### Frontier 340/500/550/570/590

**RA-4 Paper Cartridges Type 49** Art. No. 103014

Replenisher with two cartridges for 2 x 111 m<sup>2</sup>

### Film processors FP 363 SC/FP 563 SC

**C-41 Film Cartridges 1 Type 16** Art. No. 102935

Replenisher kit with two cartridges for 2 x 200 films

**C-41 Film Cartridges 2 Type 16** Art. No. 102936

Replenisher kit with two cartridges for 2 x 1000 films



TETENAL monoline RA-4 - simple and safe!



TETENAL ergoline - „nothing for snufflers“ thanks to the „Advanced Odourless Technology“

## monoline

### Less is more

Conventional photo chemicals usually consist of several parts which have to be mixed with water in a specified sequence. Getting the parts in the wrong order, using the same part twice or too fast, these are typical mistakes which even experienced staff can make time and again.

The idea of combining several parts in one concentrate has been highly effectively realised in TETENAL monoline which to all intents and purposes removes the possibility of mix-ups and mistakes during the preparation process.

### The advantages:

Using monoline is not only safe, it is also extremely simple: Add monoline to the water, stir and the replenisher is ready. The 1-part design in combination with the reduced replenishment rate reduces waste in the form of plastic bottles and packaging by up to 50 %, and expensive storage space can be used effectively.

## ergoline

### Odourless and convenient

Shop-in-shop minilabs, photo sections of department stores, shopping centres, and supermarkets, in particular, need odourless photographic chemicals. ergoline is a concept with a bright future - a concept that meets all the needs of modern minilabs.

### The advantages:

All ergoline chemicals are supplied exclusively in packaging suitable for the minilab. They generally have fewer parts than the standard products and produce a maximum of 10 litres of replenisher. ergoline chemicals are based upon the "Advanced Odourless Technology". Agents with a strong odour are replaced by modern odourless substances.

## monoline

### RA-4

#### Colour Developer Replenisher CD-R

Standard Rate Art. No. 104481  
for 4 x 10 l  
Replenishment rate: 160 ml/m<sup>2</sup>

#### Colour Developer Replenisher CD-MR

Medium Rate Art. No. 104430  
for 4 x 10 l  
Replenishment rate: 108 ml/m<sup>2</sup>

#### Colour Developer Replenisher CD-SLR SP80

Super Low Rate Art. No. 102549  
for 4 x 10 l  
Replenishment rate: 80 ml/m<sup>2</sup>

#### Colour Developer Replenisher CD-ULR

Ultra Low Rate Art. No. 102098  
for 4 x 2,5 l  
(ready-to-use solution)

Replenishment rate: 45 ml/m<sup>2</sup>  
for 4 x 10 l  
Replenishment rate: 45 ml/m<sup>2</sup> Art. No. 102595

### C-41

**Colour Developer Replenisher CD-LR SP20** Art. No. 102512  
for 2 x 5 l  
Replenishment rate: 20 ml/135-24

## ergoline

### RA-4

#### Colour Developer Replenisher CD-R

for 4 × 10 l

Replenishment rate: 160 ml/m<sup>2</sup>

Art. No. 104510

#### Bleach Fix and Replenisher BX-MR

for 4 × 5 l

for 1 × 10 l

Replenishment rate: 100 ml/m<sup>2</sup>

Art. No. 102062

Art. No. 102060

#### Super Stabilizer and Replenisher STAB-WL

for 20 × 5 l / 10 × 10 l

Replenishment rate: 250 ml/m<sup>2</sup>

Art. No. 102812

### C-41 RA

#### Colour Developer Replenisher CD-LR

for 4 × 10 l

Replenishment rate: 23 ml/135-24

Art. No. 104155

#### Bleach Replenisher BL-RA

5 l ready-to-use solution

Replenishment rate: 5 ml/135-24

Art. No. 102664

#### Fixer and Replenisher FX-RA

for 1 × 10 l

Replenishment rate: 33 ml/135-24

Art. No. 102670

#### Stabilizer and Replenisher STAB-BNP

for 20 × 5 l / 10 × 10 l

Replenishment rate: 40 ml/135-24

Art. No. 102810

## SP 2000

### Single Part Chemicals for KIS Minilabs

Single part chemicals SP 2000 are matched perfectly to the application in machines of the Photo-Me production series 15xx, 16xx and 17xx and allow an exceptionally easy handling. SP2000 chemicals are fully compatible and can be used immediately without the change of any machine settings.



SP 2000 chemicals

SP stands for single part - Colour Developer, Bleach Fix and Super Stabiliser are delivered each as 1 part concentrate with a particularly high productivity.

Changing the chemicals is simple. Put bottle with the concentrate into the

## SP 2000

### SP 2000 Colour Developer Replenisher

4 × 2 l conc.

for 4 × 185 m<sup>2</sup>

Art. No. 103520

### SP 2000 Bleach Fix and Replenisher

3 × 2,92 l conc.

for 3 × 82 m<sup>2</sup>

Art. No. 103521

### SP 2000 Super Stabilizer and Replenisher

4 × 2 l conc.

for 4 × 430 m<sup>2</sup>

Art. No. 103522

bottle location mount, slide in the intake pipe - its ready. The mixing is done by the machine. SP 2000 chemicals are particularly safe in application, because mistakes are more or less impossible thanks to the colour codings clearly shown on the concentrate bottles.

## Universal Start-Up Kits

New

### RA-4 Working Solutions prepared in the "blink of an eye"

The Universal Start-Up Kits RA-4 makes the initial tank-up and refilling of Minilabs with fresh working solutions as simple as ABC! External mixing containers and complicated calculations with Starters etc., are no longer necessary. The mixing of the TETENAL Start-Up Kits is done directly in the appropriate working tanks of the minilab and really is child's play. Fill the tank with water as directed in the easy to follow comprehensive instructions, add the required number of start-up kits for your type of minilab as listed, top up with water, bring up to working temperature and you are ready to go! The Start-Up Kits are suitable for ALL RA type minilabs such as Agfa d-lab, Fuji Frontier, Noritsu, etc. They are truly Universal!



Universal Start-Up Kits

## Universal Start-Up Kits

### Universal Start-Up Kit P1

for 2 × 4,5 l Colour Developer RA-4

Art. No. 103022

for 2 × 4,5 l Bleach Fix RA-4

Art. No. 103023

www.tetenal.com

The Tetenal Group is an expanding, internationally active company and one of the world leaders in the development and production of analogue and digital on-site-printing-technologies.

Trail-blazing innovations, the highest levels of product quality and extensive services offer customers competent, competitive solutions in the Photo Imaging world.

International collaborations in the technology field, highly qualified staff together with a responsible, forward-looking corporate strategy ensure that Tetenal is playing a leading role in successfully shaping the Photo Imaging markets.



TETENAL AG & CO. KG

Schützenwall 31-35, D-22844 Norderstedt

Phone: 040 521 45 0, Fax: 040 521 45 296

germany@tetenal.com

TETENAL LTD.

Unit 1, Foxholes Road,

Leicester LE3 1TH / Great Britain

Phone: 0870 - 460 89 96, Fax: 0870 - 460 89 97

uk@tetenal.com

TETENAL POLSKA SPÓLKA Z O.O.

ul. Wandy 14, PL-40-322 Katowice

Phone: 032 3559 110 w.20, Fax: 032 3559 123

polska@tetenal.com

TETENAL E.U.R.L.

Parc d'activités, Les Terres du Canada,

F-89470 Monetau

Phone : 03 86 40 91 92, Fax: 03 86 40 59 96

france@tetenal.com

TETENAL INDIA LTD.

14 Prakash Apartments 5,

Ansari Road, Darya Gunj, New Delhi-110002

Phone: 011 326 09 03, Fax: 011 326 72 10

india@tetenal.com

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