

PRODUCT INFORMATION

START-UP KITS RA-4

Calbe Start-Up Kits RA-4 - for Colour Developer and Bleach Fix - enable a quick, convenient and safe preparation of fresh working solutions for minilabs. Mixing takes place directly in the processing tanks of the developing machines, external mixers are not required, any complicated calculations are no longer necessary.

PACKS AND CONTENTS

Colour Developer: Start-Up Kit CD for 2 x 4.5 litres of working solution REF 12560

Bleach Fix: Start-Up Kit BX for 2 x 4.5 litres of working solution REF 12561

Start-Up Kit CD: contains 2 x Part A with 260 ml each and 2 x Part B with 260 ml each

Start-Up Kit BX: contains 2 x Part A with 750 ml each and 2 x Part B with 750 ml each

ADDITIONAL PRODUCTS

Super Stabilizer: RA-4 STAB-WL for 2 x 10 x 10 litres of working solution REF 12710

Super Rinse: Fuji FSC-100 Tablets for 100 x 5 litres of working solution REF 12712 (Frontier only)

Super Stabilizer is designed for minilabs such as Agfa, Noritsu, Gretag, etc. while Super Rinse is to applied in Frontier machines.

Remark: Both products are not included with the START-UP kits, they are to be ordered separately.

STORAGE

Start-Up Kits should be stored dry, frost-proof and out of the reach of children. The maximum temperature range is between 5°C and 25°C. Storage temperatures between 10°C and 20°C are ideal.

SHELF LIFE

Shelf life of Start-Up Kits concentrates in originally sealed bottles is around 2 years.

OCCUPATIONAL SAFETY

Handling of photographic chemicals is safe, if used properly and protective measures are followed. Hazard and precautionary information can be found on the label (H and P phrases, hazard symbol) and in the safety data sheet. Personal protective equipment should include safety goggles or face shield, protective gloves and an apron.

DISPOSAL

Photographic chemicals - concentrates or used baths - must not be discharged into the public sewerage system. These chemicals must be discarded by commercial waste treatment companies, who properly treat and dispose of in accordance with legal regulations. Further information can be found in the safety data sheet.

MIXING SEQUENCE

1. Super Stabilizer → 2. Bleach Fix → 3. Colour Developer

Start with the Super Stabilizer, follow with the Bleach Fix and finalize with the Colour Developer. Carefully cover empty processing tanks to avoid any possible contamination from chemical splashes.

STANDARD APPLICATION

Start-Up Kits come with detailed instructions for use, with specifications for most common minilab processors on the market – the mixing procedure is described as seen with „Example“.

Noritsu 3501/3502						
Start-Up Kit	Water	+	Part A	+	Part B	+ Water = Tank
2 x CD REF 12560	11.5 L		3 x		3 x	ca. 0.5 L = ca. 13.6 L
2 x BX REF 12561	9.0 L		3 x		3 x	ca. 1.4 L = ca. 13.9 L

EXAMPLE: NORITSU 3501/3502:

The required number of packs for Start-Up Kits CD and BX is shown at the far left column of the tables.

- Switch off processor, remove chemistry filters
- Take out respective rack from processing tank
- Start mixing with measured exact amount of water
- Add Part A and Part B one after the other, stir each part for approx. 30 s
- Re-insert rack, insert new chemicals filters
- Top up with water to the overflow, switch on the processor

Warm water favours to get the Parts mixed quickly and thoroughly, in addition it takes less time for heating before the processor can be started again.

Surplus Part bottles, which are not required for the current mixing process can be stored as a supply for future use.

SPECIAL APPLICATION

For some selected machines, complete bottles of Part A and Part B are required - plus additional partial quantities of Part A and Part B.

Frontier 550/570/590						
Start-Up Kit	Water	+	Part A	+	Part B	+ Water = Tank
2 x CD REF 12560	9.0 L		2 x + 140 ml		2 x + 140 ml	ca. 0.7 L = ca. 11.0 L
2 x BX REF 12561	5.0 L		3 x		3 x	ca. 1.5 L = ca. 11.0 L

EXAMPLE: Frontier 550/570/590

SMI MK4 / MK 10						
Start-Up Kit	Water	+	Part A	+	Part B	+ Water = Tank
2 x CD REF 12560	4.0 L		1 x + 70 ml		1 x + 70 ml	ca. 0.8 L = ca. 5.5 L
2 x BX REF 12561	3.5 L		1 x + 184 ml		1 x + 184 ml	ca. 0.2 L = ca. 5.6 L

EXAMPLE: SMI MK 4 / MK 10

The additional partial quantities of Part A and Part B must be measured precisely. Any remaining quantities in the Part bottles are to be disposed of — originally sealed Parts bottles can be stored for future mixes.