



LED display with dimmable back light. Intuitive operation for 32 different processes. Built-in signal process timer. Exact temperature control. Adjustable rotation speed. Full manual control.

JOBBO Processor CPP-3 # 4083 semi-automates all film- and print-processing for daylight operation

All available colour and B/W films on the market can be processed at home, using any chemistry. Roll films 135, 120; Sheet films 4 x 5 or 8 x 10"; Prints up to 20x24".

Technology of Rotary Processing

Everything you need for consistent, repeatable results are very precisely controlled through

- Automatic agitation (rotating in both directions forth and back)
- Automatic temperature control

- Freshness of chemical solution (one shot processing)
- Processing time

This One-Shot-Processing method

renders highest consistency in processing. This technology was developed by JOBO and applied by thousands of professional and semi professional photographers around the world, because the processing results meet the requirements of the film and chemical manufacturers. In fact, JOBO Processors have been employed by film manufacturers in the USA, Germany and Asia for the control of their own film-emulsions. A versatile processing system to do flexible, creative work with any available formula.

Operation

The JOBO Processor CPP-3 is placed on a solid, leveled table, filled with water from the tap. Mixed processing solutions are held in one litre bottles, positioned in the water-jacket of the processor.

After switching on the heater, working temperature of processing solutions will be ready for use after about 40 min, depending on conditions.

The inbuilt timer comes pre-programmed for standard film processes like E-6, CN41 and B/W and can easily be custom tailored by the operator.



JOBBO CPP-3 # 4083 for magnetic rotation of developing tanks. Coupling on and off of tanks for changing solutions with running motor. JOBO inversion tanks must be equipped with magnet # 1504 and for use with Lift with cog # 1505. Not acceptable for Expert Drums.



Smooth changing of working solutions with JOBO Lift # 4072. Compatible with processor # 4083. Large funnel for clean and easy filling and draining by lever operation. Also accepts Expert Drums.

The film tank or print drum is connected via a magnetic drive and rotates forth and backwards in the same water-jacket, which also temperature controls the one liter-chemical-bottles.

Solutions are used in a minimum quantity and are drained after use because the rotating tank and drum requires a minimum amount of solution, as is needed for the chemical process. However each solution can be recovered separately.

Once the exposed material is loaded in one of the JOBO Tanks or Drums, (this must be done in complete darkness)

they are placed on the Processor, which immediately rotates them in the temperature controlled waterbath.

For changing working solutions, the JOBO Tank or Drum is disconnected from the magnetic drive, as the motor continues to rotate and they can be poured out through the tank lid and filled in through the tank lid

By adding JOBO Lift item. no 4072 this procedure can be simplified.

Working solutions are filled in through a wide funnel of the Lift and drained easily by operating a lever, which raises the film tank or print drum for emptying the solutions. This provides ex-



Sheet film processing in Expert Drums 3005, 3006, 3010. Easy loading. Modular tank system for sheet films up to 4x5", 120 and 35mm in JOBO Tanks 2520, 2550. Modular tank system for 120 and 35mm films in JOBO Tanks 1510, 1520, 1540. Extend usage too with Module 1530.

For controlling processing times, the inbuilt programmable timer signals audible, when chemical solutions need to be replaced.

After final the wash, the developing material needs to be taken out of film tank or print drum for drying externally of the processing unit.

ACCESSORIES

The JOBO tank series 1500 and 2500 is a modular system. Tank capacity can be enlarged with extension module and each inversion tank can be modified for rotary processing on the bottom with magnet item 1504 for use on CPP-3. When use with the Lift, the lid of the tank needs to be equipped with cog no. 1505.

Tank system 1500 is based on narrow gauged reels to reduce chemistry consumption.

Tank system 2500 uses wider gauged reels and accepts sheet film reels as well.

Expert drums are for sheet films only and always come with cog lid for use on Lift.

For print processing we recommend Drum system 3000.

JOBBO CPP-3 is compatible for all JOBO Tanks of series 1500, 2500 and all JOBO Drums of series 3000, also capable of taking older style 2800 Print Drums. For use in rotation they must be equipped with magnet # 1504 or cog #1505.

Expert Drums

Item #	Film Capacity	min/max solution
3005	5 sheets 8x10", 5x7"	270 ml – 630 ml
3006	6 sheets 4x5", 5x7"	210 ml – 342 ml
3010	10 sheets 4x5"	210 ml – 330 ml

Needed accessory

Foot Pump # 3360 to open tanks after processing.

Sponge rod # 3007 for drying Expert Drums # 3006 and # 3010 (included with drum).

Sponge rod # 3008 for drying Expert Drums # 3004 and 3005 (included with drum).

JOBBO Tank System 1500

For rotary processing: each tank must be fitted with magnet # 1504 or cog # 1505.



35mm Tank

#1510 comes with 1 reel 1501 capacity: 1 film 135. min. solution amount 140 ml. for inversion agitation 170ml.

Uni Tank

1520 comes with 1 reel 1501

fitted with	Films	Rotation	Inversion
1 reel 1501	1 film 135	140 ml	250 ml
	1 film 120	140 ml	250 ml
	2 films 120	250 ml	250 ml
2 reels	2 films 135	250 ml	250 ml

Multi Tank

1540 comes with 1 reel 1501

fitted with	Films	Rotation	Inversion
4 reels 1501	4 films 135	470 ml	910 ml
2 reels	2 films 120	200 ml	910 ml
	4 films 120	470 ml	910 ml

Extention Module

1530 for all tanks System 1500 comes with axel tube. Extends capacity for 3 films 135 and up to 4 films 120. min. solution amount 330 ml rotary, 700ml inversion.

Film Reel Duoset 1500

1501 adjustable, for 1 film 135 or up to 2 films 120. The red film separating clip allows to load the reel with 2 films 120 and prevents them from slipping over each other.

JOBBO Tank System 2500

For rotary processing: each tank must be fitted with magnet # 1504 or cog # 1505



Multitank 1

2540 comes w/o reel # 2502

fitted with	Films	Rotation
1 reel 2502	1 Film 135	140 ml

Multitank 2

2520 universal tank for roll- and sheet films, comes w/o reel # 2502

fitted with	Films	Rotation
1 reel 2502	1 film 135	270 ml
	1 film 120	170 ml
	2 films 120	270 ml
	2 films 135	270 ml

1 sheet film reel		
# 2506n	6 films 6x9 cm	270 ml
	6 films 9x12 cm	270 ml
	6 films 4x5"	270 ml

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Printdrums



Expert Drum # 3010 holds 10 sheets 4x5" chem. vol. 210/330 ml.

Expert Drum # 3005 holds 5 sheets 8x10" chem. vol. 270/630 ml.

Multi Drum 20x24"

3063 for up to 1 sheet 20"x24"/50x60 cm: min. chem. vol. 300 ml.

Film Force Washer Cascade



3350 In combination with all JOBBO Tanks in use for inversion agitation. Saves water, reduces washing time to 5 min., water flow can be adjusted. The universal adapter fits almost all water taps.

JOBBO Scaled Bottles

With special sealing cap, scales in steps of 100ml.

3370 in black plastic for 1 litre

3371 in translucent plastic for 1 litre

3376 in black plastic for 2,5 litre

3377 in translucent plastic for 2,5 litre

JOBBO Roller Base



1509 accepts all JOBBO Tanks except 2510. The inversion tank lays horizontal on the rollers and is agitated by hand. It allows reduction of working solution. Processing at room temperature.

JOBBO Colorprocessor CPP-3 #4083 comes with

6 solution bottles, scaled, 1000 ml 4 graduates 260 ml.

1 adjustable roller base

1 JOBBO-Filmtank 2520

2 reels 2501

Specifications

HxWxD: 33,5x96x37cm (13x15x38")

Waterjacket volume: ca. 18 L

Weight of processor: 6,8 kg

Voltage/capacity: 230/50Hz, 880W

Applying CPP-3 on 110 Volt, needs a transformer and will result in 440 W



Historic JOBBO Engagements



NASA photos of the first flight to the moon (Apollo 11) were processed, using JOBBO equipment.



Until digital cameras were available, journalists processed their films on spot, using JOBBO Color-processors.



Until digital cameras were available, the Nürburgring press-centre for journalists was equipped with JOBBO Autolabs.



The Russian space station MIR was equipped with a JOBBO Colorprocessor CPE-2 for in-space processing.



The complete transplantation of Abu Simbel monument in Egypt which took place under UNESCO in 1960, was documented and photographed. All films in black and white were processed on location in JOBBO Tanks.

About JOBBO International GmbH

JOBBO is a family owned company now in its third generation of family management. Since its establishment in 1923 in German town Gummersbach, it has built up a reputation for quality, professionalism and innovation. For 90 years these core values have been the driving force behind the company.

The legendary "JOBBO tank" was made for processing black and white films. With the advent of colour photography, high speed films and advanced sensitive black and white emulsions, the requirements of film processing

technology has constantly increased. JOBBO kept pace and became market leader due to its innovation and user friendly solutions.

Since the launch in 1950 of photokina, the world-leading international photographic trade fair, JOPBO has exhibited without interruption, in 2014 33rd times.

With the all new CPP 3 Colorprocessor, JOBBO supports the demand for making individual pictures with a personal, unique note. The charm of silver

halide photography keeps hold on a growing number of professional photographers, working in a high competing market.

They all need reliable equipment, which takes care of the routine work like time, temperature and agitation control at affordable costs.

Besides the analog products, JOBBO's portfolio ranges from digital picture frames, 3-D monitors, geotagging solutions, card readers, action and car-cams.

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More than 88 years of photo experience



JOBBO Colorprocessor CPP-3 for all kind of silver halide films and prints

The Analogue Photographer differentiates himself from all digital work. There is no better way to create truly unique pictures, other than by hand-crafted art-work.

Also, schools and colleges who teach photography need reliable equipment to give their students hands-on experience of "real photography".

The freelance photographer likes to be independent and relies on fast processing results.

The analogue photographer has the choice to fine-tune his processing and printing by using a combination of either film or print processing solutions.

The fine art photographer cares for

- instant processing
- repeatability in processing
- economical usage of chemical solutions, even when sporadically in usage,
- a complete modular system