

# varioflott

## Processor for 16 and 35 or 105 mm micro films (option)

The **varioflott** is a fully automatic and user friendly negative microfilm processor which handles 3x 16 mm or 3x 35 mm films [option: by changing the rack - 1x 105 mm], on polyester or tri-acetate base.

The advantage of this machine is that the user can insert individual films at different times, i. e. there is no need to insert all three films simultaneously.

The sequence of the baths is as follows: developer, intermediate rinse, fixer, pre rinse and final rinse.

From serial No. 20053604 the **varioflott** is fitted with an additional rinse after the fixer bath. This includes an extra tank and rack. Another extra rinse occurs in the final rinse rack

Machine operation and film insertion are done in daylight - no need for darkroom operation.

A film inspection station is possible just ahead of the take-up device.

The chemistry temperature and the processor speed are adjustable. The **varioflott** requires a three-phase current, 400 V / 16 A, as well as cold water connection and drain. The water is tempered in the processor.

The automatically replenishment system, which is adjustable, ensures consistency of individual baths. The level of the replenishment supply containers is monitored and displayed.

The **varioflott** is a very user friendly, convenient automatic processor, which is environment friendly through efficient energy usage, coupled with the lowest water consumption possible, whilst still achieving processing to archival standards.



### Technical Data:

**Film sizes:**

**Film transport speed:**

**Processing method:**

**Sequence of baths:**

**Replenishment:**

**Chemical temperature:**

**Rinse:**

**Tank capacity:**

**Cold water connection:**

**Electrical requirement:**

**Dimensions(complete):**

**Weight:**

3 x 16 or 3 x 35 mm roll film, roll film of 30.5 – 66 m lengths (100-200 ft), on polyester or tri-acetate base. option: 1 x 105 mm

1 – 3 m /min. (3–9 ft/min.)

conventional (negative)

developer, intermediate rinse, fixer, pre rinse and final rinse

developer and fixer

adjustable: 32 –42°C, auto control

warm water rinse 32-42°C, auto control; flow rate 0,5-1 litres/min. (1 US pint- 1 US quart/min.)

6 litres each (1,8 US Gals)

inflow ½"; discharge ¾"

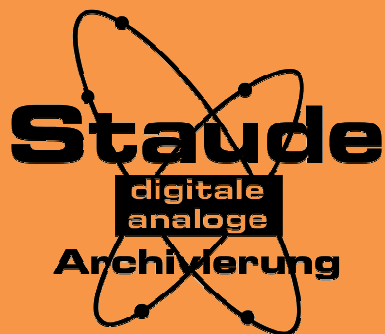
400 V / 16 A / 3,8 kW (three phase current)

1170 x 500 x 1040 mm (l x d x h)

(without liquids) 100 kg

**Stauder Foto Chemie**

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# Processors for Roll Films

➤ **piccolo**  
16 mm microfilms

➤ **piccolo 35**  
35 mm microfilms

**NEW**

These processor operates according a patented principle.

The **piccolo** is specially outlined for the application of 16 mm microfilms, the **piccolo 35** is specially outlined for 35 mm microfilms.

Each user will be thrilled by the simple handling of this unit.

After inserting the exposed 16 mm film into the film-cassette, the end of the film is tracked directly into the rack (without leader). Afterwards the film horizontally passes through the developing process in the following order of succession: developer, fixer, 1<sup>st</sup> rinse, 2<sup>nd</sup> rinse, drying.

After 30 sec. the film can be threaded into the take up-spool.

The special Piccolo chemical set (4 bottles of 1 l each: developer, fixer, 1<sup>st</sup> rinse, 2<sup>nd</sup> rinse) is directly connected to the unit.

The chemicals are taken out of the bottles and transported to the film by pumps, through an electronically controlled heat exchanger. From here the chemicals are running back into the bottles.

After about 8 films of 16 mm/ 30m, or a life time of one week the chemical set is used up.

#### The unique features are:

- simple inserting of the film into the rack
- simple handling of the chemicals
- no water supply and water discharge hose necessary
- extremely low power consumption: heating-up phase 800 W/stand by 200 W



#### Technical Data:

**Film:**

16 mm/35 mm roll films

**Time of passage:**

1 m/min.

**Chemical temperature:**

regulated, adjustable 28- 38°C

**Chemicals:**

4 bottles of 1 l each: developer, fixer, 1<sup>st</sup> rinse, 2<sup>nd</sup> rinse.

With regard to the archival capability (residual thiosulfate) it is necessary to use the StauDe chemical set, which is specially produced for this processor.

**Power supply:**

230 V / 50 Hz / 800 W (110 V transformer available)

**Dimensions:**

H/W/D: 42 x 67 x 28 cm

**Weight:**

22 kg

**StauDe Foto Chemie**

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