

## unomat

### Processor for 16 mm and 35 mm Roll Films

The **unomat** is a fully automatic and user friendly negative microfilm processor which handles 1 x 16 mm or 1 x 35 mm films (on polyester or triacetate base).

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

From serial No. 20053604 the **unomat** 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 **unomat** requires a three-phase current, 400 V 16 A, as well as a cold water connection and drain. The water is tempered in the processor.

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

The **unomat** 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:

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

##### Film transport speed:

1-3 m/min. (3-9 ft/min.)

##### Processing method:

Conventional (negative)

##### Sequence of baths:

Developer, intermediate rinse, fixer, pre rinse and final rinse

##### Replenishment:

Developer and fixer

##### Chemistry temperature:

adjustable: 32-42°C, auto control

##### Rinse:

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

##### Tank capacity:

3,5 litres each (3,5 US quarts)

##### Cold water connection:

inflow ½"; discharge ¾ "

##### Electrical requirement:

400 V / 16A / 3,8 kW (three phase connection)  
operating voltage: 230 V

##### Dimensions(complete):

1080 x 400 x 1040 mm (l x d x h)

##### Weight:

90 kg (without liquids and compressor)

##### Options:

230 V-adaptor  
compressor for optimized drying of film  
special film cassette and take-up assy. for 300 m film

