

# LEICINA<sup>®</sup> SPECIAL



The LEICINA SPECIAL is the nucleus of a universal Super 8 cine-camera system. Its characteristic feature is the large lens changing bayonet. It corresponds to the well-tried LEICA<sup>®</sup> bayonet. The LEICINA SPECIAL cine camera thereby opens up versatile possibilities for the ambitious movie amateur as well as for the wide-ranging application in the scientific and technological fields.

# new



On the microscope and endoscope, for surveillance and time lapse studies, for the bridging of extremely long distances, for reportage, sports, and wildlife filming, the LEICINA SPECIAL with its light-weight, handy, compact body will rapidly make innumerable friends.

Part of the LEICINA SPECIAL programme is a 10mm MACRO-CINEGON<sup>®</sup> and a 6-66mm OPTIVARON<sup>®</sup> zoom lens. In addition almost all photographic and many cine-lenses can be used by means of suitable ring adapters.



# LEICINA SPECIAL



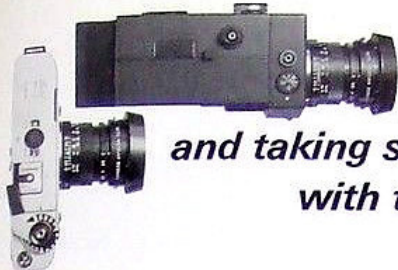
## The camera

Most LEICA-M lenses can be attached directly to the LEICINA SPECIAL. The advantage for the user: unrestricted utilization of the optical performance of fast and long-focal-length lenses, rapid lens change, secure and positive attachment even of heavy lenses.

The MACRO-CINEGON LEICINA lens with its fixed focal length of 10mm answers many practical needs and offers the great advantage of excellent hand-held filming. This "standard" lens has a diaphragm which can be completely closed (important for lap dissolves). The long focusing range from infinity to 12cm (object to film plane) permits the filming of the smallest details of every kind without accessory in the close-up range.



LEICINA SPECIAL Super-8 cine camera with 10mm MACRO-CINEGON f/1.8 interchangeable lens



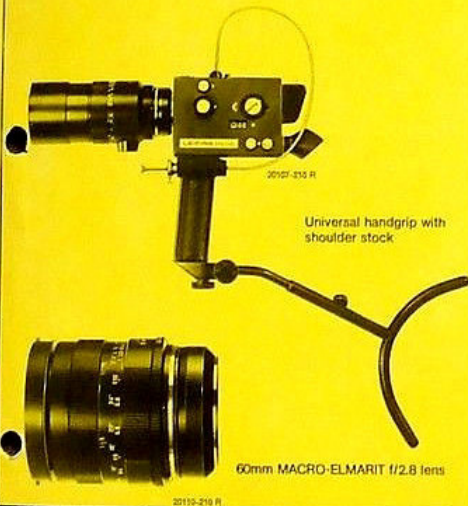
**Shooting films  
and taking still photographs  
with the same lenses**

## Telephoto

Camera lenses of even "normal" focal length take the cine-camera man far into the telephoto range. But lenses of longer focal length convert the LEICINA SPECIAL into a veritable "telescopic cine-camera". Example: the 400mm TELYT<sup>®</sup> produces 8x magnification compared with the standard lens of 50mm focal length in the still camera; in the cine camera, however, the magnification is almost 50x from the same point of view.

## Zoom

The 6-66mm OPTIVARON<sup>®</sup> f/1.8 offers optimum image quality throughout the entire zoom range. On request it can be supplied with power zoom, thus converting the LEICINA SPECIAL into a fully automatic cine-camera.



Universal handgrip with shoulder stock

60mm MACRO-ELMARIT f/2.8

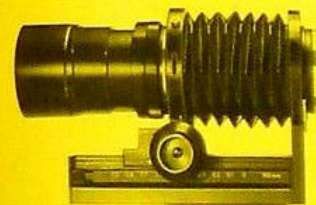
6-66mm OPTIVARON f/1.8 lens



2018-210 R

## Macro / Endo

For the macro range the most versatile outfit is the focusing bellows or the 60mm MACRO-ELMARIT f/2.8 LEICAFLEX lens. For endo-cinematography the LEICINA SPECIAL offers the best conditions owing to the light weight and handiness of the compact cine-camera body.



Focusing bellows with 100mm MACRO-ELMARIT f/2.8

Endoscope attachment

## Micro

For cinematography the LEICINA SPECIAL is recommended because of its simple operation and low costs. This applies not only to the initial outlay for the equipment but also to running material costs. The reduced lighting intensity, too, is a considerable advantage, as it avoids damage of the object by heat.



LEICINA SPECIAL on the LEITZ ORTHORPLAN<sup>®</sup> microscope

8000-210 R



When camera lenses are used for filming, frame-filling exposures show the objects 8x larger than when the same lens is used in a still camera. The 100mm ELMARIT f/2.8 LEICAFLEX lens thus produces picture areas for which a focal length of more than 1000mm would be required in a still camera.

But camera lenses offer considerable advantages not only in the telephoto range for bridging long distances such as in the filming of animals in their natural surroundings, but also in the macro range where their long working distance is often desirable or even necessary (for instance for the maintenance of the flight distance of small animals and insects). Especially the top-quality lenses for the LEICA and LEICAFLEX produce unusual definition, brilliance, resolution of detail, and colour saturation.

The possibilities of the LEICINA SPECIAL have been expanded beyond measure through its facility of accepting almost all interchangeable lenses with suitable adapter rings. A single glance through the brilliant and bright LEICINA viewfinder impressively shows the discriminating one-man new possibilities completely closed to the user of conventional cine-cameras.



# LEICINA<sup>®</sup> SPECIAL

Super 8 cine-camera with LEICA lens bayonet

## Technical details

System cine-camera for interchangeable lenses

4 running speeds 9; 18; 25; 54 fps

electronic running speed regulation

electronic release

electronic single-frame exposure

long time exposure

exposure and running control by means of a luminous diode (important for long time exposures)

automatic rewind

locking second release

flicker-free reflex finder

17x viewfinder magnification

3 focusing screens in the viewfinder  
microprism screen, split-image rangefinder, clear-glass screen with crosslines

dioptré compensation for defective vision  $\pm 3$  dioptrés

viewfinder black-out device

exposure indication in the viewfinder (follow pointer system)

connection for zero indicator

connection for automatic diaphragm control

film speeds from 10 to 1000 ASA (11-31 DIN)

battery tester

single-frame counter

meter and footage counter

connection for electric remote control (cable and radio) and St1 and St10 control unit

via St1: flash contact, ETS sound coupling, and automatic time-lapse scenes

## Outfits for the LEICINA SPECIAL

LEICINA SPECIAL camera body (without lens and without midget cells)

LEICINA 6-66mm OPTIVARON f/1.8 zoom lens, focusing range from infinity to the front lens

10mm MACRO-CINEGON f/1.8 LEICINA SPECIAL lens, focusing range from infinity to 12cm (distance object - film plane)

Angle viewfinder

Holder for angle viewfinder

Cable release, length 50cm, with arresting screw

Battery housing for 5 midget cells (replacement)

Universal handgrip with shoulder stock, an important aid to hand-held filming with long and ultra-long focal lengths

Cable release for the universal handgrip

Long carrying strap

Electronic control unit St1 for continuously adjustable time-lapse photography, long time exposures, remote release, lip-sync sound coupling, external current supply and electronic flash synchronization: including connecting cable from the 9-pole camera socket to the control unit

Carrying case for camera body + OPTIVARON lens + ST1 control unit, as well as numerous further accessories

## Required for the adaptation of other lenses\*:

for LEICA lenses: no adapter, since they can be directly attached

for LEICAFLEX lenses: adapter

for 16mm lenses with Arri-M-bayonet: adapter\*\*

for lenses with M 42x1m junction thread: adapter

for Minolta lenses: adapter

for the use of LEICA lenses with screw thread: bayonet adapter rings 14 097, 14 098 or 14 099

Code No.

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\* lenses of extremely deep projection into the LEICINA body are unsuitable

\*\* 16mm lenses with standard screw thread (C-mount) cannot be used

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Design subject to alterations without notice.

**ERNST LEITZ GMBH D-6330 WETZLAR**

Subsidiary: Ernst Leitz (Canada) Ltd., Midland, Ontario