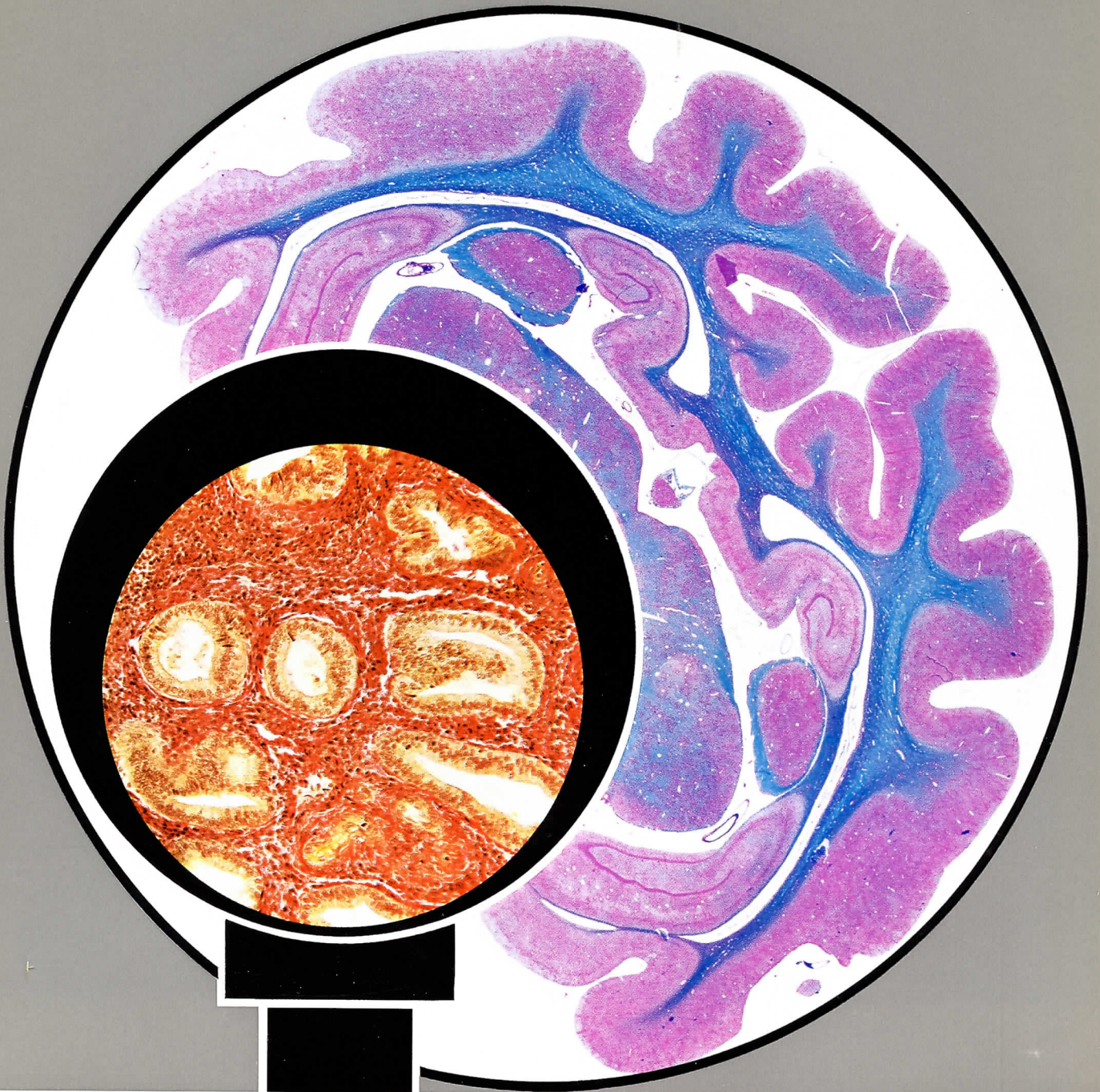


Leitz



**Microprojection
Attachment
PROMAR
Macroprojector**



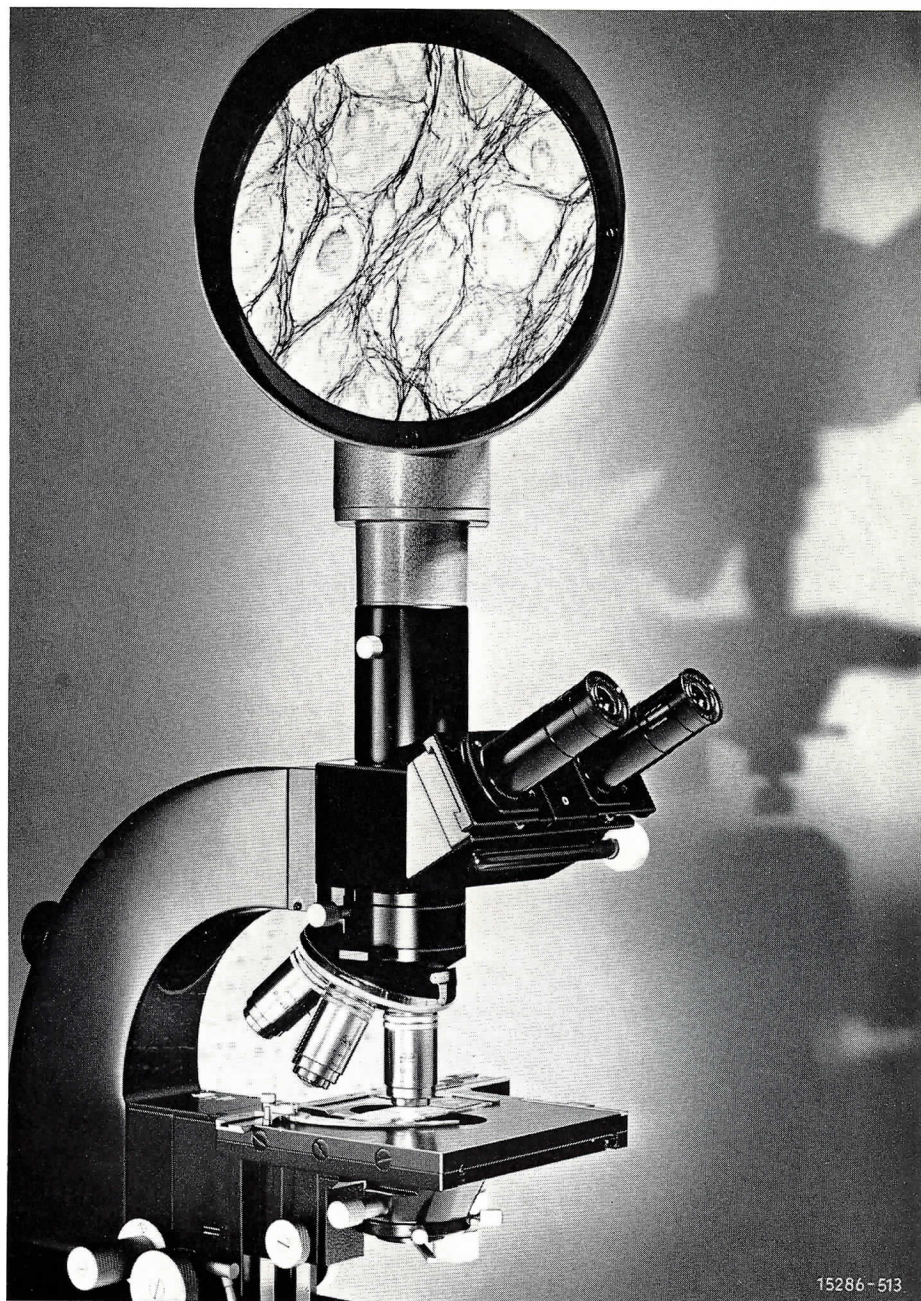
590-12/Engl.

Micro- projection attachment



15717a-514

Lamp housing 100 for 12v 100W halogen filament lamp, suitable for all stands



15286-513



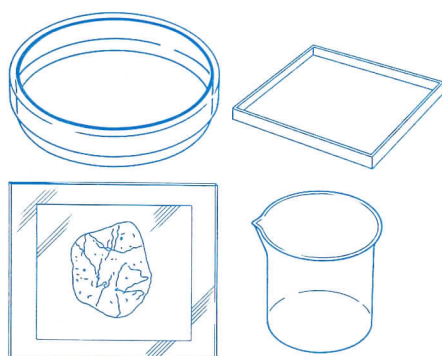
14471a-512

Microprojection attachment

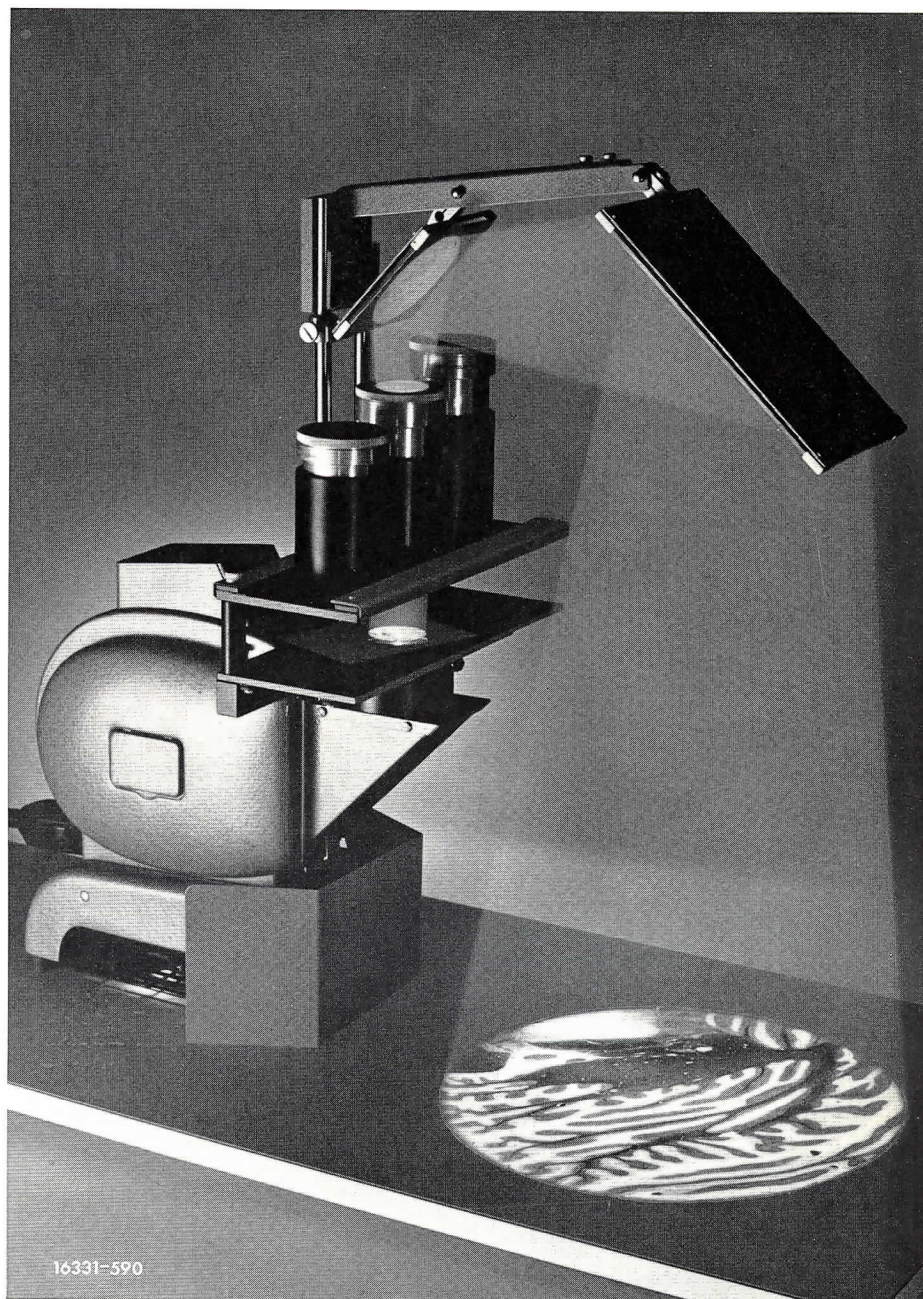
The microprojection attachment is a very practical accessory for demonstrating the microscopic image to a small number of persons. It is equally suitable for lectures, teaching purposes, and oral and practical examinations. The device is mounted on the phototube or the vertical tube of the stand exactly like a microscope camera, when the viewers will see the image sharp and evenly illuminated on the projection ground-glass screen. The screen has a clear diameter of 155mm, making a detailed inspection of the image possible. As light source the lamp of the microscope

stand or our inexpensive lamp housing 100 with the 12v 100W halogen filament lamp, which produces a bright image even at higher magnifications is used. A microscope wide-field eyepiece GF 10x is built into the projection attachment. The structures on the image screen, viewed from a distance of 25cm, appear at the same size as in the microscope eyepiece. All microscopes with a vertical tube or a phototube accept the microprojection attachment.

PROMAR macro- projector



26145-48-513



16331-590

The LEITZ PROMAR macroprojector opens up new possibilities in the teaching of histology, pathology, biology, physics, and chemistry. The instrument, which is permanently mounted on a base, is very simple to operate and has an extremely wide range of applications: it is equally suitable for low-power projection of large microscopic or macroscopic specimens and for the demonstration of living organisms in the micro-aquarium or culture dish and of rock sections or crystals, etc. The LEITZ macroprojector therefore logically supplements our range of microprojectors.

Set for "bench projection" it can also be readily used for tracing the objects projected on the light base.

Technical description in brief

Macroprojector on base board for bench- and wall projection
Suitable also as tracing apparatus at 7.5x, 10x, and 5x magnifications.
Maximum projection distance 5m (16' 8"), maximum screen diameter 2m (6' 8")
Three highly corrected projection lenses, focal length 65, 90 and 120mm, on changing slide

Rapid change of magnification
Large object stage
Powerful 500W or 250W projection lamp in sturdy housing, with almost noiseless blower
Surface mirrors with protective coating
Simple operation

Table of magnification and projection screen diameters at various distances

Magnification

1m (3' 4")	1,5m (5')	2m (6' 8")	3m (10')	4m (13' 4")	5m (16' 8")	lenses
7,5x	10x	15x	25x	30x	40x	120mm
10,0x	15x	20x	30x	45x	55x	90mm
15,0x	20x	30x	45x	60x	75x	65mm

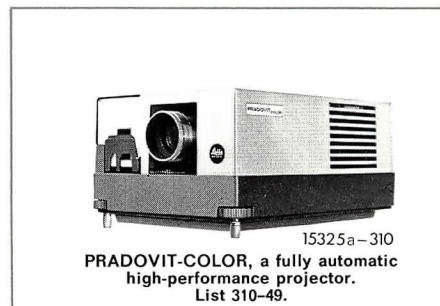
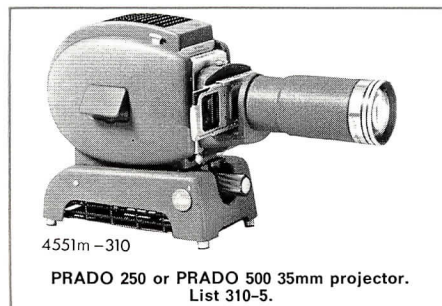
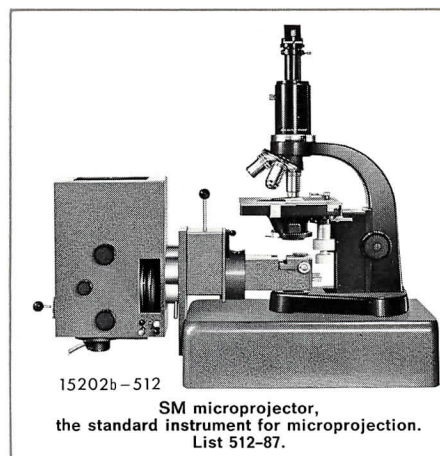
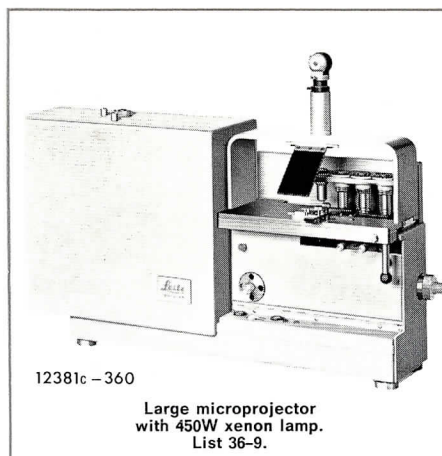
The values are rounded off.

Screen diameter*

1m (3' 4")	1,5m (5')	2m (6' 8")	3m (10')	4m (13' 4")	5m (16' 8")
40cm (16")	60cm (24")	80cm (32")	120cm (48")	160cm (64")	200cm (80")

* for all three lenses with their diaphragms in position.

Samples
from
our range of
projectors



High-performance large projectors, e. g. episcope and epidiscopes. Lists 32-5, 32-10.

® = Registered Trademark

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