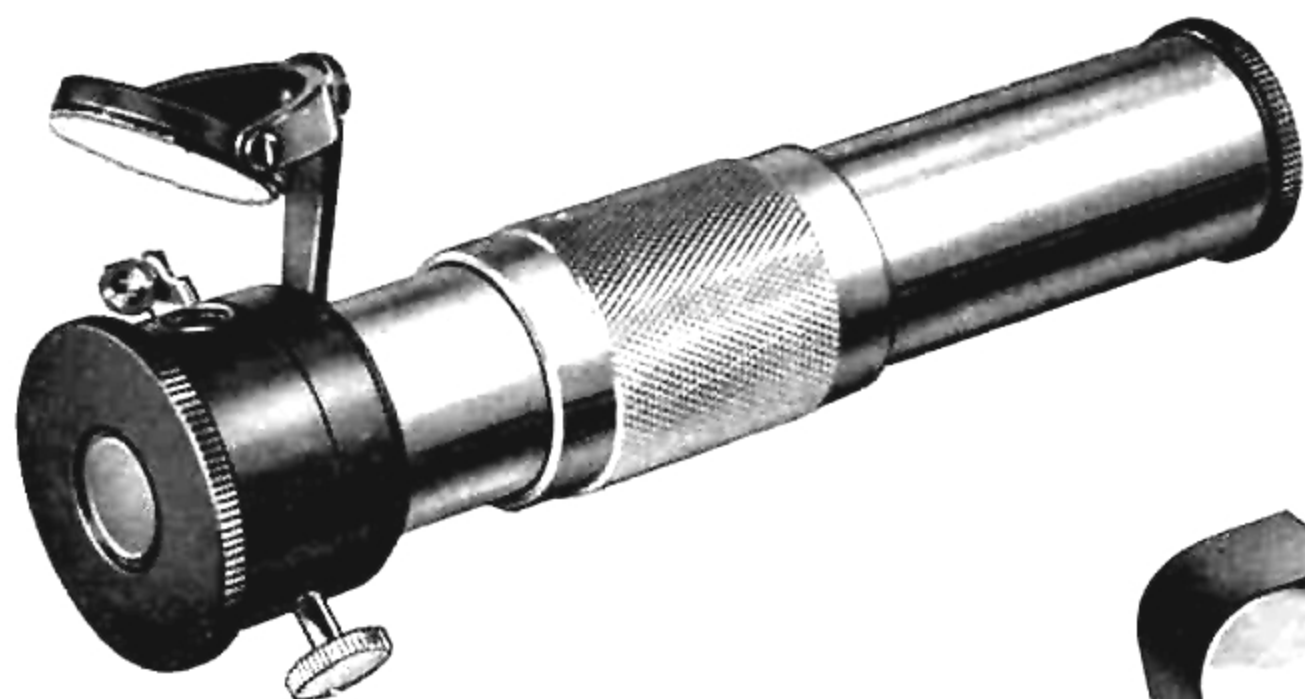


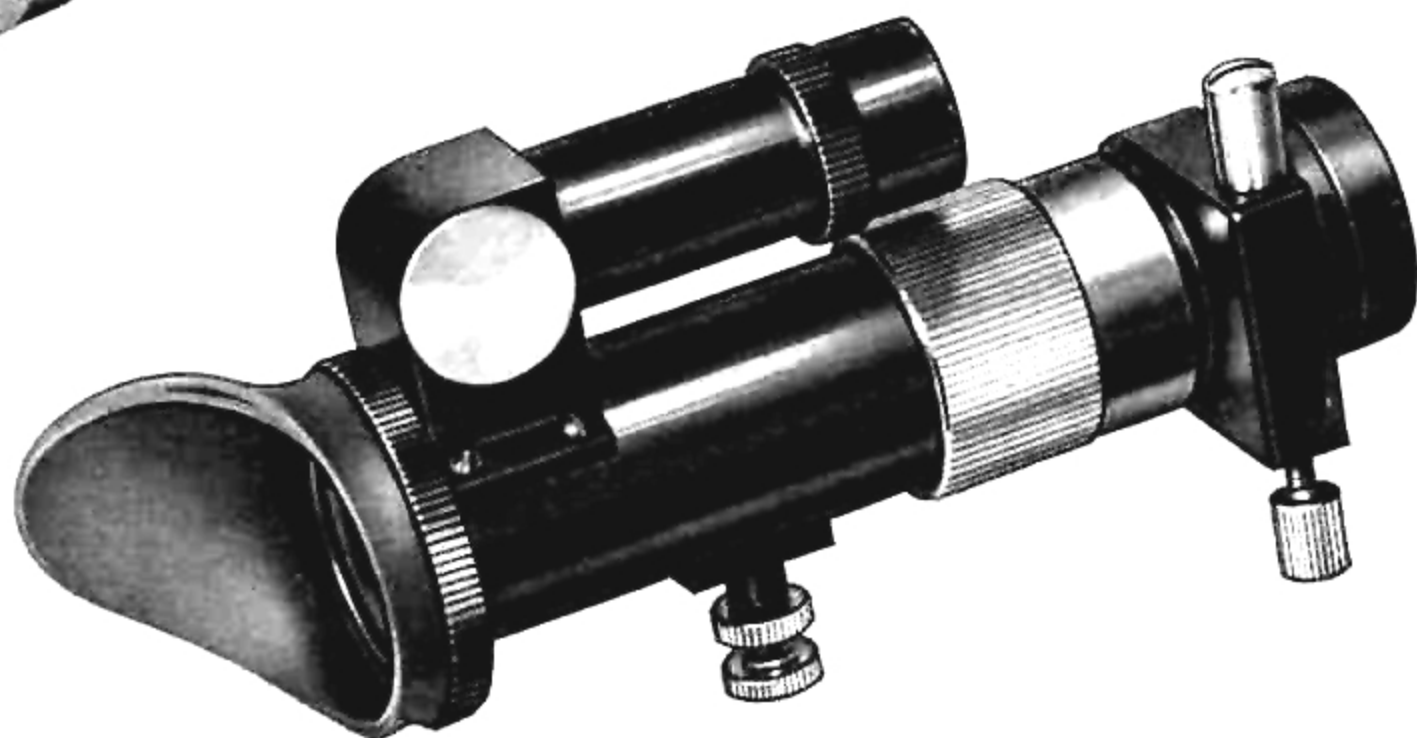
LEITZ

HAND SPECTROSCOPES



Model W
with wave length scale

Model V
with comparison prism



Our hand spectrosopes permit a convenient, swift and reliable observation of the absorption and emission spectra. They are particularly suitable for use by physicists and chemists, for medical examinations, and for teaching. The very sturdy, finely adjusted construction ensures high resolution and brilliance. The whole spectrum can be conveniently surveyed at a glance. The dispersion is so chosen that, in the brightest part of the spectrum, lines of a wave length difference of about 1 m μ can be seen separately. The use of a prism of comparatively large cross section also permits observation of spectra of low intensity. Particular

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(GERMANY)

attention has been given to the exact design of the slit and good protection against the penetration of dust. A screw at the head of the spectroscope serves for regulating the slit width, while the focusing of the slit is effected by a wide milled ring.

The model V spectroscope is equipped with a triple direct vision Amici prism, an achromatic lens, and a comparison prism which can be brought into and out of action by means of a slide, and which can be illuminated from an adjustable mirror. The dispersion C to F is about 5° , and direct vision is provided for the D line; thus the brightest part of the spectrum lies in the centre of the field. With the model W which is fitted with a wave length scale the dispersion C to F is about 7° , and direct vision obtains for the F line which lies approximately in the centre of the visible spectrum. • Both spectroscope models can also be fitted with a removable clamping device for small bottles holding coloured liquids.

<i>Leitz</i>	Codeword	Weight kg
Hand Spectroscope, Model V		
with comparison prism, in case	SPMEE	0.200
As above, with detachable clamping device for holding bottles with coloured liquids	SREET	0.240
Hand Spectroscope, Model W		
with wave length scale, in case	HEWEX	0.250
As above, with detachable clamping device for holding bottles with coloured liquids	HEWOZ	0.290

ERNST LEITZ GMBH WETZLAR
GERMANY

Branch Works: Ernst Leitz (Canada) Ltd., Midland / Ontario

PRICES AND SPECIFICATIONS
FOR
LEITZ HAND SPECTROSCOPES

Our hand spectrometers permit a convenient, swift and reliable observation of the absorption and emission spectra. They are particularly suitable for use by physicists and chemists, for medical examinations, and for teaching. The very sturdy, finely adjusted construction ensures high resolution and brilliance. The whole spectrum can be conveniently surveyed at a glance. The dispersion is so chosen that, in the brightest part of the spectrum, lines of a wave length difference of about 1 millimicron can be seen separately. The use of a prism of comparatively large cross section also permits observation of spectra of low intensity. Particular attention has been given to the exact design of the slit and good protection against the penetration of dust. A screw at the head of the spectrometer serves for regulating the slit width, while the focusing of the slit is effected by a wide milled ring.

The model V spectrometer is equipped with a triple direct vision Amici prism, an achromatic lens, and a comparison prism which can be brought into and out of action by means of a slide, and which can be illuminated from an adjustable mirror. The dispersion C to F is about 5°, and direct vision is provided for the D line; thus the brightest part of the spectrum lies in the center of the field. With the model W which is fitted with a wave length scale the dispersion C to F is about 7°, and direct vision obtains for the F line which lies approximately in the center of the visible spectrum. Both spectrometer models can also be fitted with a removable clamping device for small bottles holding colored liquids.

SPMEE	<u>HAND SPECTROMETER, MODEL V</u> with comparison prism, in case	\$135.00
SREET	As above, with detachable clamping device for holding bottles with colored liquids	145.00
HEWEX	<u>HAND SPECTROMETER, MODEL W</u> with wave length scale, in case	230.00
HEWOZ	As above, with detachable clamping device for holding bottles with colored liquids	242.00

Prices and Specifications subject to change without notice. E. & O. E.