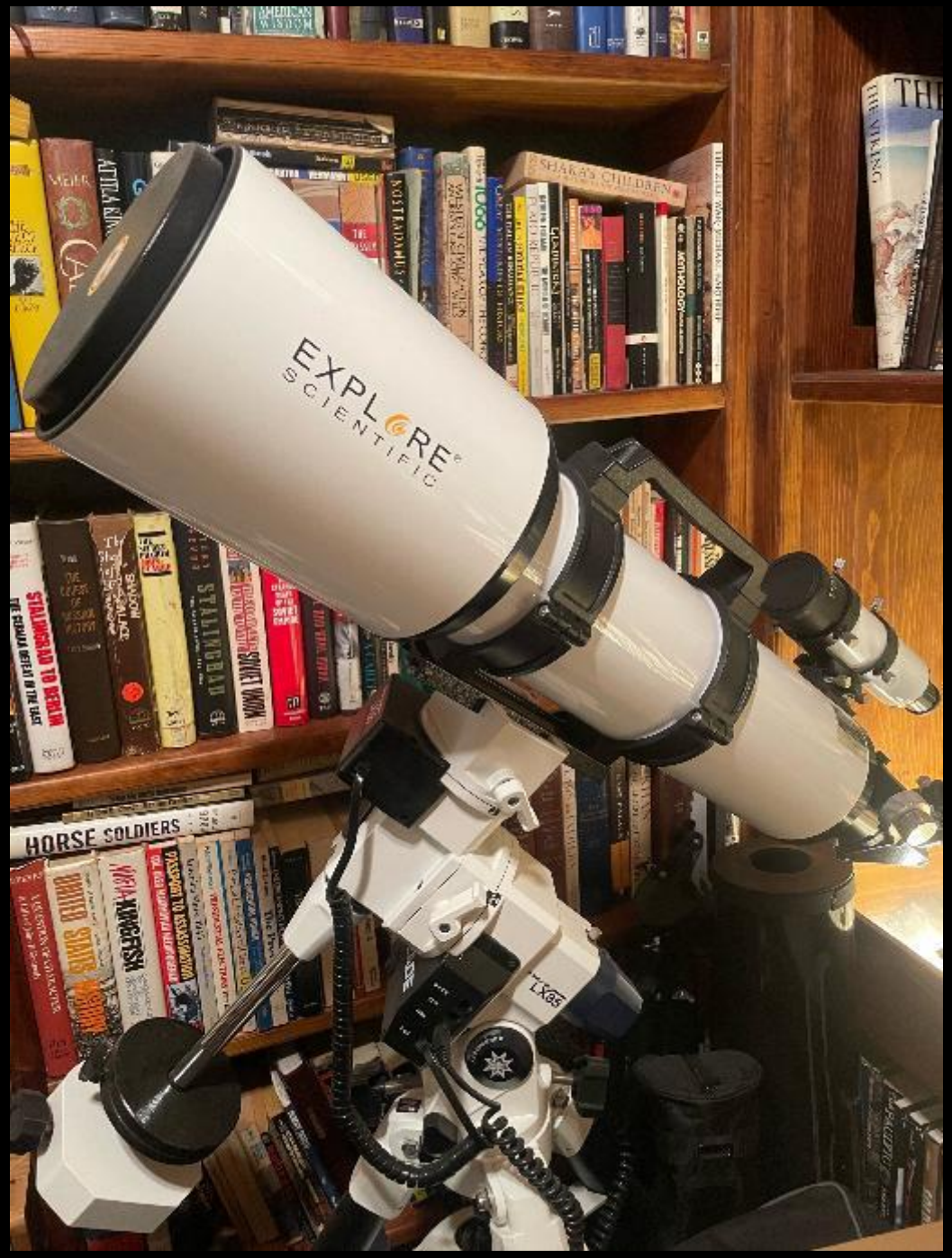

Explore Scientific ED127 Essential Series Air-Spaced Apochromatic Triplet Refractor. FL 952mm. $1799 new, $1599 used on Amazon


EXPLORE SCIENTIFIC


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GUIDE
AUX
HBX
DEC


MEADE
LX85
BOB WOODWARD


SENSE OF HISTORY
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RICHARD NIXON
The Politician
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COL. OLEG MAKIMOVICH NECHIPORENKO
MAFIA KINGFISH
UNITED STATES HISTORY
A QUESTION OF CHARACTER
A Life of John F. Kennedy
ORSE SOLDIERS

Celestron C-11 new $2500 (Amazon)
Celestron C-9 new $1700 (Amazon) has telrad

Orion SkyView Pro Mount. 20 lb weight rated. $329 on Cloudy Nights review back in 2017.

$49 on B&H Photo (discontinued)

GSO Superview 42mm. $75 (Agena Astro)
Televue 31mm nagler $698 (Agena Astro)Cel
Celestron 25mm sma 1-1/4 wide angle. $17 used. (Southeastern Camera)

Televue 13mm ethos eyepiece. $658 (High Point Scientific)
1.25 inch to 2-inch eyepiece adapter. $23 new (High Point Scientific)
Finder scope/red dot finder mount $?

Thousand Oaks SolarLite 9.25" Solar Filter For Celestron 9.25" SCT S-10750. $119 (Astronomics)

? Celestron counter weight bar ?$ Maybe $5

Celestron Polarizing Filter Set 1.25" (Pre-owned) $45 (Camera Concepts and Telescopes). Other is an unknown filter

CELESTRON SET of 4 FILTER KIT ORANGE G RED 21 BLUE 80A POLARIZER. $99. (Cambridge World). Other picture unknown adapter.

Unidentified filters

Cradle Rings
(approx. 4”) $20?

Svbony Vixen dovetail mount. Amazon. $19. Other is an unknown mounting plate.

Celestron Dual Axis Motor. B&H Photo $158.

Handheld spectroscope (see next two slides

PORTABLE HANDHELD SPECTROSCOPES HS1504

413,00 €

excl. VAT + Shipping costs

Available from stock

Hand-held spectroscope for observing emission and absorption spectra with adjustable slit, wavelength scale and Amici straight view prism

Availability: In stock

- 1 + ADD TO CART

Item number HS1504 Category Spectroscopes
Tags spectroscope, portable, Handheld spectroscope, Spectroscopy

SPECTROSCOPY

FUNCTIONALITY

The spectroscope has a narrow slit for for light entry or light incidence, in front of which a stone is placed. If the stone is illuminated by light, a certain part of the light is absorbed by the stone. The other part is broken down into its absorption spectrum inside the spectroscope and is visible to the observer in the eyepiece. Dark lines and stripes then appear where certain wavelengths are absorbed by the stone. The slit width can be varied with good spectroscopes. A fine slit and good lighting are required to obtain pure and clear absorption spectra.

The instruments are also equipped with a focusing device so that the spectrum, which is slightly curved for physical reasons, can be seen sharply everywhere.
Absorption lines can be measured directly by fading in the wavelength scale. However in most cases the appearance of the entire spectrum is observed and then compared with the reference spectra of other stones. Reference spectra for the most common gemstones are listed and illustrated in the gemmological literature, or see samples figure 15.

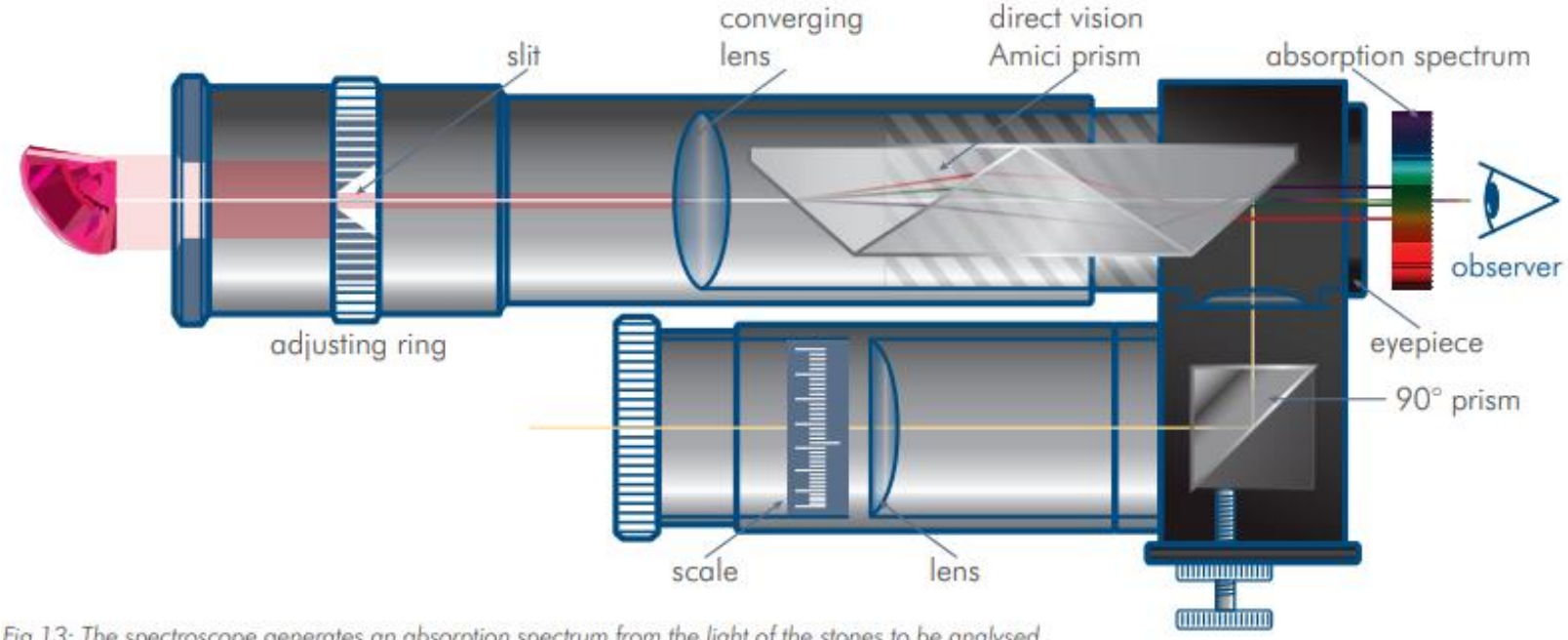

Fig.13: The spectroscope generates an absorption spectrum from the light of the stones to be analysed.

Discontinued lens heater.
Est $30

50 mm guide scope.
New $90 (Agena Astro)

$65 New. (Agena Astro)