Spectroscopes

KL14/1504

Gem Spectroscope
with wavelength scale and
fiber-optic-light source

1500 and 1501

Hand-held spectroscopes
with and without variable
precision slit

1504

Hand-held spectroscope with
variable precision slit and
wavelength scale

Polariscopes

KRÜSS Polariscopes - quality
instruments to identify single or
double refracting stones quickly
and accurately, to distinguish
between natural and synthetic
amethyst and to separate jade
and chalcedony from glass.
It also helps to detect strain in
diamonds before cutting.

PK11

Polariscope for pocket torch
and analysing LED10 torch

PK14

Polariscope with stoneholder.
Illumination 220V, 10W

PK11

PK14

PO11

HD10

LB010

LUK10/21LED „KRÜSS Loupe"

LUW28 „Weinschenk-Loupe"

LUD10/18

Proportionscopes
Testing Sets
Analyzer
Tweezers

Our range of gemological tools
comprises different kinds of
· Diamond Testers
· Proportionscopes
· Proportion Eyepieces
· Digital Gem Gauge
· Dichroscopes
· Polariscopes
· Hardness Pins
· Filters
· Immersion Liquids
· Tweezers

Stereoscopic
Eyeglass Magnifier

This eyeglass magnifier gives
you stereoscopic short distance
viewing and leaves your hands
free for work.
Optional with glasses frame for
individual prescription lenses or
aspherical halogen-lamp.

Loupes

Our range comprises more
than 40 different precision
loupes.
They are equipped with high-
quality and distortion-free
lenses.
Magnification from 10X to 28X

LUD 10/18

· loupe 10X
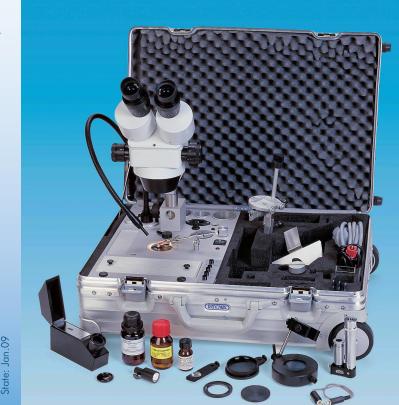· with darkfield,
· for flashlight LED10
  recommendet

KRÜSS
A.KRÜSS OPTRONIC
G E R M A N Y

Innovation since 1796

Your expert for
Gemological Instruments

Gem Microscope

KRÜSS gemological microscope with precision optics for the examination of diamonds and gemstones

Fiber-Optic-Light Sources

KL5110

Mini fiber-optic-light source
· 12V, 20W
· 5500 Kelvin
· without fiber-optic-light pipe
· with automatic multivoltage power supply 110-230V

KSW8000

Head:
45° inclined optical head with diopter compensation and adjustable interocular distance 51-75 mm

Field-Ø:
32.8 - 5.1mm

Objectives:
Zoom lense from 0.7x to 4.5x for zoom magnification from 7x to 180x, continuously adjustable

Oculars:
10x plano eyepieces with diopter compensation

Illumination:
Transmitted, incident and dark field LED illumination

Stand: Metal stand with working distance 95mm

KL5120

Fiber-optic-light source
· 8V, 20W
· brightness control without color change
· single or double arm connection possible
· without fiber-optic-light pipe
· with automatic multivoltage power supply 110-240V

Gem Travel Labs

KA41KRS Standard Gem Travel Laboratory

· stereo-zoom microscope KSW 4330-2K
· spectroscope 1501 with holder
· polariscope
· conoscope
· daylight

· UV-longwave
· gem refractometer ER6042
· refractive index liquid
· universal AC-DC Adaptor for worldwide use

KSW8050 / Gemology-kit

Gemology clips, iris aperture diaphragm, polarization analysis kit, quartz immersion cells, optical unit to switch the dark field from a „sharp" (gem exhibition) to a „soft" (diamond analysis) mode.

Gem Refractometers

KA52KRS Professional Gem Travel Laboratory
(illustration see front page)

· stereo-zoom microscope MSZ5400
· cuvette table with cuvettes
· darkfield
· fiber-optic-light source
· stone holder
· spectroscope with holder and scale illumination
· polariscope

· conoscope
· gem refractometer ER6012
· UV-longwave
· UV-shortwave
· daylight
· refractive index liquid

ER6010

Professional Gem Refractometer
· polarizing filter
· with LED illumination
· without sodium filter
· with automatic multivoltage power supply 110-230V

KSW8010 / Vacuum pick-up

translating cell holder with vacuum pick-up

ER6040 (not illustrated)

Standard Gem Refractometer
· polarizing filter
· with LED illumination
· without sodium filter
· with automatic multivoltage power supply 110-230V

Both Gem Travel Labs come packed in a durable, shock-resistant aluminum case.

KSW8050 accessories

more microscopes available!