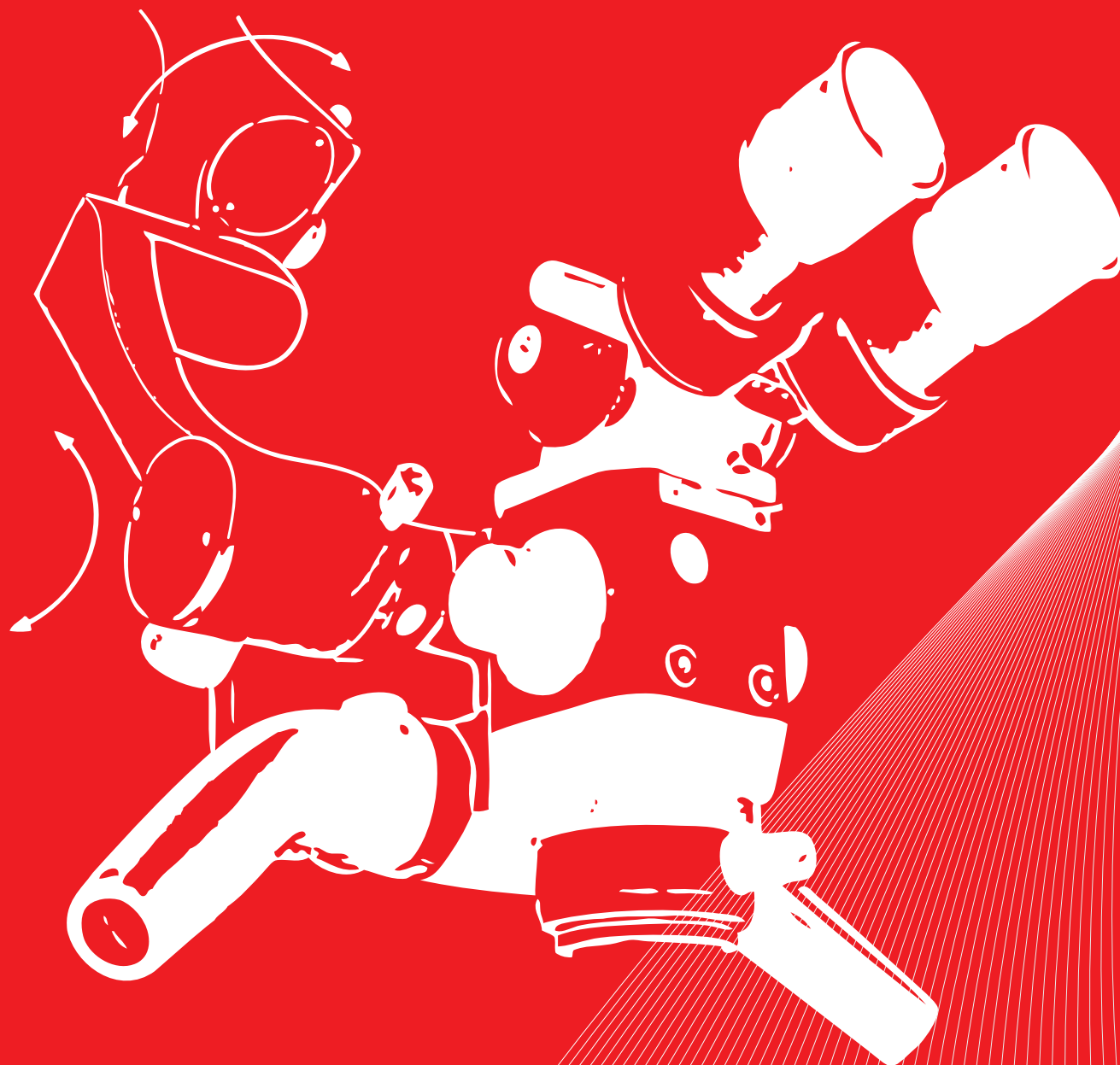


THE BEST KEPT SECRET IN OPTICS

Look, Touch, Move – You'll know the secret!



KAPS international

KAPS – Dedicated to Creating Microscopes

Legendary German Craftsmanship and Optics

Balancing system

This coupling offers ultra-smooth, fluid and perfect balance during repositioning of the microscope.

Free Motion magnetic locking clutches

By pushing a button the microscope will float weightlessly and can be locked in any desired working position.



Manual and motorized zoom

The magnification is continuously adjustable. From overview to details.

Vario

Without moving the microscope or changing the working position the area of treatment stays in focus.

LED inside

This innovative illumination module provides a homogenous illuminated field of view with excellent color rendition and high contrast. It can be combined with any KAPS microscope system.

Upgrade from basic to master

Our design philosophy allows us to upgrade the features of any KAPS microscope system to one of an even higher standard. Right in your office.

Introducing the KAPS microscope series

Karl Kaps merges over 60 years of experience and expertise with the most advanced computer technology to create every microscope system which bears our name.

The dedicated KAPS staff of engineers clearly understand that a superior dental microscope is an optical, mechanical and sensory extension of a skilled dentist. The mission is to create microscopes that accomplish this fact.

The distinctive KAPS microscope systems are fully customizable to meet the dentists individual needs. For example, the more basic system is designed to be upgraded to many of the more advanced features that are standard on other KAPS microscope systems.



Dr. Juergen Reier, Aalen, Germany

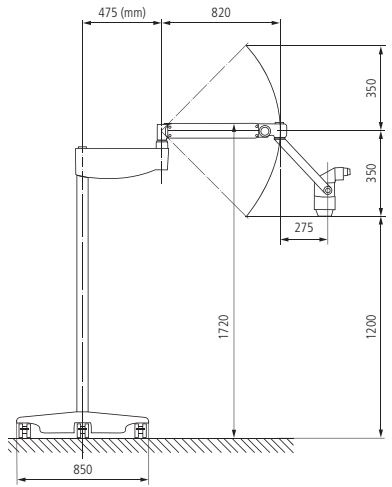
The KAPS wide range of optical accessories allows for system configurations to suit virtually all microdentistry requirements. Our components integrate video, still cameras, coobservation and variability of positioning for all applications.

Our promise:

"We deliver the highest optical quality in all of our products, while keeping our services personalized to your needs. We maintain the highest professional integrity to earn the trust-bond between Karl Kaps and our customers."

Look, Touch, Move – You'll find what you need!

Your Choice of Floor Stand,
Wall Mount or Ceiling Mount



Floor Stand

KAPS 1000

Designed for day-to-day operations this perfect basic microscope includes:

- 5-step apochromatic magnification changer
- 60° inclined fixed tube
- Widefield eyepieces 10 x
- 45° inclined coupling, ergonomic handles
- Integrated 15V/150W halogen illumination
- Orange filter
- H-based Floor Stand

KAPS 1100

Characterized by the unique **Balancing System** and even more distinctive features:

- 5-step apochromatic magnification changer
- Inclinal binocular tube with 10 x widefield eyepieces
- Objective with fine focusing (working distance 250mm, focusing range 12mm)
- Balancing coupling
- Handgrips with "single hand" motion control
- Integrated 15V/150W halogen illumination
- **Optional integrated LED illumination**
- Orange filter

KAPS 1200

Weightlessly floating with **Magnetic Clutches** this microscope includes all the other remarkable features of the KAPS microscope series:

- 5-step apochromatic magnification changer
- Inclinal binocular tube with 10 x widefield eyepieces
- Objective with fine focusing (working distance 250mm, focusing range 12mm)
- Handgrips with "single hand" motion control
- Free Motion balancing coupling with magnetic clutches
- Integrated 15V/150W halogen illumination
- **Optional integrated LED illumination**
- Orange filter

KAPS 1300

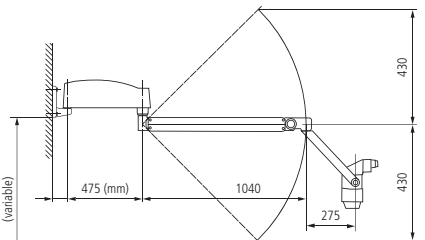
Together with the **Manual Zoom** for continuously adjustable magnification this distinctive system also shows:

- Manual zoom 1:6
- Inclinal binocular tube with widefield oculars
- Objective with fine focusing (working distance 250mm, focusing range 12mm)
- Handgrips with "single hand" motion control
- Free Motion balancing coupling with magnetic clutches
- Integrated 15V/150W halogen illumination
- **Optional integrated LED illumination**
- Orange filter

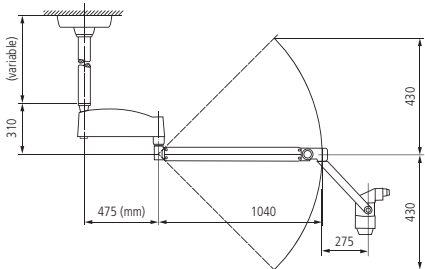
KAPS 1400

The highlight of the KAPS microscope series introduces the **Motorized Zoom**:

- Motorized zoom 1:6
- Inclinal binocular tube with widefield oculars
- Objective with fine focusing (working distance 250mm, focusing range 12mm)
- Handgrips with "single hand" motion control
- Free Motion balancing coupling with magnetic clutches
- Integrated 15V/150W halogen illumination
- **Optional integrated LED illumination**
- Orange filter



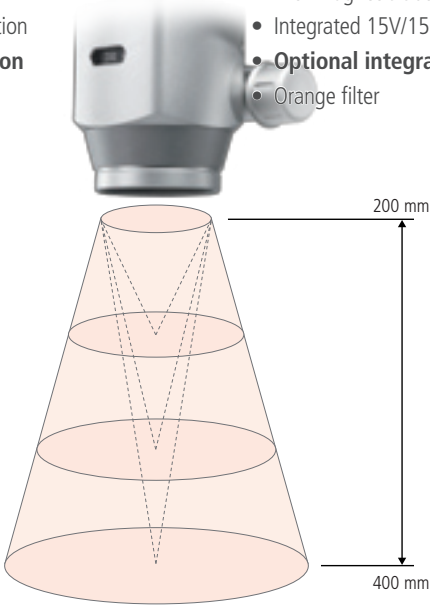
Wall Mount



Ceiling Mount

The unique feature of KAPS international microscopes:
The module 50, the Vario.

Can be very well integrated in all
KAPS microscope systems.



Look, Touch, Move –
You'll find what you need!



KAPS 1450
on floor stand

Technical Information:

Magnification 5-Step Manual Changer
1:6 Manual Zoom
1:6 Motorized Zoom

Magnification Range 1.5x - 40.0x available

Field of View 120mm - 7mm
(dependent upon objectives and eyepieces)

Illumination Integrated 15V/150W halogen fiberoptic
Optional:
• Integrated LED
• MH50 metal halide
• XECOLux twin metal halide
Integrated variable illumination spot size
Orange Filter

Objective Lens Types Fixed focal length fine focus lenses
100mm - 400mm offered in 50mm increments
Vario objective variable 200mm - 400mm

Accessories **Binocular Tubes:**
Inclinable 0 - 180° f=170mm widefield / 0-210° f=182mm
Inclined (fixed) 60° f=159mm / 45° f=125mm

Eyepieces:
10; 12.5x or 16x

Beam Splitters:
Dual or single output 50/50
Dual or single output 80/20
Lateral Rotation Device with built-in beam splitter
Beam splitter with integrated video camera

Co-observation Tubes:
Binocular and mono available
Stereo face-to-face system

Video:
1CCD, 3CCD and High-Definition cameras
Video and still-camera adapter tubes available
in various focal lengths to match individual CCD sizes

Couplings:
Standard 45°
Free Motion Balance 45°
Free Motion magnetic brakes 45°

Electrical Data Power Supply: 120V +/- 10%
50/60Hz, 1500VA
Classification: Class 1
Fuses: 15A

Suspension Systems Mobile Floor Stand with articulating
balanced arm and compact four caster base
Wall Mount with articulating balanced arm
Ceiling Mount with articulating balanced arm
Weight floor stand: 130Kg



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