



Unique Diagnostics
54 Melville Rd Illovo
Johannesburg Gauteng
Registration Number
2020/525673/07

Gerard Du Toit and Amit Navon

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UD – MARKETING THE FOLLOWING;

UNIQUE DIAGNOSTICS PRESENTS:

VIOLA MC20i
BINOCULAR / TRINOCULAR LED MICROSCOPE

The sight of an insect seen for the very first time through a microscope turns into an experience. We plunge headfirst into a new world which unfolds before our eyes – bizarre, colourful and full of secrets. Secrets, which can only be disclosed by future researchers with the help of a good and solid microscope.



FIELD OF APPLICATION

- Educational and routine laboratory.
- Brightfield applications.
- Field microscopy with daylight mirror.

e.g. **Cytology, Heamatology, anatomy, pathology, histology, genetics, veterinary, chromosomal analysis, cell analysis, analysis of bacteria, observation of insects and monads.**

KEY FEATURES:

- ◆ SP ACHRO objectives 4/10/40/100.
- ◆ LED illumination.
- ◆ Binocular or Trinocular Version.
- ◆ Daylight mirror unit for outdoor use.
- ◆ Double layer mechanical stage.





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UD – MARKETING THE FOLLOWING;

PETUNIA MCX50 **BINOCULAR ROUTINE MICROSCOPE**



Equipped with premium features, it sets up a new standard in routine clinical microscopes. The “PURE” ICO² Plan objectives provide clear, rich in contrast images. Ergonomic and compact design makes it easy to set up, store and transport. With a lot less energy consumption and at the same time much brighter intensity of the LED, this system is the future in premium quality LED lighting. **PETUNIA MCX50** is used in the fields of clinical laboratories, veterinary laboratories and biology while also being an excellent choice for schools and universities.

FIELD OF APPLICATION:

e.g. Cytology, Haematology in bright and dark field, anatomy, pathology, histology, genetics, veterinary, chromosomal analysis, cell analysis of bacteria, observation of insects and monads.

KEY FEATURES:

- ◆ Advance LED
- ◆ Routine laboratory and clinical use.
- ◆ Ergonomic ARCTYPE Tube.
- ◆ Smart Sense System.
- ◆ Infinity Plan Optic.
- ◆ Multisystem condenser.
- ◆ Magnification 40x – 1000x
- ◆ Phase contrast and Dark field applications.

e.g. gynecological, dermatological & urological smears, urine sediment, urinary stone analysis, blood analysis in dark field and phase contrast, sperm analysis.





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UD – MARKETING THE FOLLOWING;

DAFFODIL MCX100



Sophisticated and versatile life science microscope for a variety of applications in the fields of advanced laboratory work, gynecology, dermatology, histology or pathology. Brilliant infinity corrected optical system and advanced energy saving LED or bright Halogen illumination system create rich in contrast and crystal clear observation results.

FIELD OF APPLICATION:

• **Routine laboratory and clinical use.**

e.g. Cytology, Haematology in bright and dark field, anatomy, pathology, histology, genetics, veterinary,

chromosomal analysis, analysis of bacteria, observation of insects and monads.

- **Phase contrast** – e.g. gynecological, dermatological & urological smears, urine sediment, urinary stone analysis, blood analysis in dark field and phase contrast, sperm analysis.
- **Immersion dark field application.** – e.g. Haematology in dark field, dermatology, urology (urine sediments)

KEY FEATURES:

- ◆ Fluorescence applications – e.g. Bacteriology, virology, histochemistry, pathology, immunology, genetics, gynecology.
- ◆ Infinity corrected.
- ◆ Ergonomic ARCTYPE Binocular Tube.
- ◆ Polarization applications.
- ◆ LED illumination system – e.g. Urology, pathology, forensic, geology, quality control, quality assurance, medical research, crystallography.
- ◆ Quintuple nosepiece.
- ◆ Reckless stage
- ◆ Koehler illumination

OPTIONS TO UPGRADE

- ◆ Trinocular head
- ◆ LED or HBO Fluorescence
- ◆ Sliding Phase Contrast set
- ◆ Immersion Dark field
- ◆ Simple Polarization Set
- ◆ Observation Set





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UD – MARKETING THE FOLLOWING;

LAVENDER Professional MCX100 LCD
LCD Digital Microscope with Screen and 5MP live camera.



LAVENDER MCX100 LCD is a high-tech product, successfully enhanced by perfectly combining advanced optical microscope technology and digital screening kit. Specimen can traditionally be observed through the microscope's eyepiece, but take advantage of an enhanced and sophisticated observation method. With convenient and comfortable for you and also to share with others.

FIELD OF APPLICATION:

- All-In-One – Observing and presenting, image sharing with multiple users, picture taking video, picture analyzing.

- Routine laboratory and clinical use. – e.g. Cytology,

Haemstology in bright and dark field, anatomy, pathology, histology, genetics, veterinary, chromosomal analysis, cell analysis, analysis of bacteria, observation of insects and monads.

- Phase Contrast – e.g. gynecological, dermatological & urological smears, urine sediment, urinary stone analysis, blood analysis in dark field and phase contrast, sperm analysis.
- Sliding dark field applications. – e.g. Dermatology, urology (urine sediments)
- Polarization applications. – e.g. Urology, pathology, forensic, geology, quality control, quality assurance, medical research, crystallography.

KEY FEATURES:

- ◆ Digital LCD screen system
- ◆ Includes a 5MP CMOS camera
- ◆ Rackless stage
- ◆ Quintuple nosepiece
- ◆ LED illumination system
- ◆ Infinity corrected optics
- ◆ Koehler illumination



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UD – MARKETING THE FOLLOWING;

STERIO MICROSCOPES

Stereo microscopes are the perfect start to jump into the world of microscopy. **With stereomicroscopes no special specimen preparation before observing is required.** Insects, flowers, leaves, coins...can be put under the microscope and viewed immediately and the results are fast and amazing from the start.

Our stereo microscopes create crystal clear erect 3D images with excellent depth of field for observations of many samples.



LADYBIRD Micro Zoom 1240, Binocular & Trinocular Version



COBRA Micro Zoom MZ1000, Binocular & Trinocular Version



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UD – MARKETING THE FOLLOWING;

DIGITAL SCREENINH KIT for MICROSCOPES.
5MP live camera and integrated screen for all MICROS trinocular tubes.



The digital microscope system also comes with a screen to observe and study real time images, videos on it but also to store, edit and analyze them quick and easy. The intuitive handling and the powerful image processing and presentation functions (supporting image browsing, photos, videos, storage, dynamic calibration, measurement...) makes this system perfect for researchers, educational use, manufacturing, inspection and many other applications.

The Screening camera can be assembled to all MICROS Trinocular Microscopes.

- ◆ All-in-one microscope.
- ◆ Easy to use.
- ◆ Mouse operation.
- ◆ SD storage.
- ◆ Contains horizontal and vertical flipping.
- ◆ Playback browsing.
- ◆ Dividing line setting and image comparison functions.
- ◆ Intergrated in industrial microscopes.
- ◆ Widely used in 3C electronics metal plastics, ect.
- ◆ Various industries.





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UD – MARKETING THE FOLLOWING;

USB LIVE CAMERAS



MICROS CAM500 CMOS Camera – MICROS

CAM500 is a premium 5MP CMOS camera with an high colour fidelity and resolution for applications in the fields of industrial inspection, image documentation in mentallography, brightfield imaging in the field of clinical microscopy and fluorescent microscopy.

MICROS CAM 900 CMOS Camera – MICROS CAM

CAM 900 is a premium 9MP camera with an exceptional high colour fidelity and resolution for applications in the fields of industrial inspection.

Image documentation in mentallography, brightfield imaging in the field of clinical microscopy and fluorescent microscopy.