

## RESOURCES

### NEW PRODUCTS

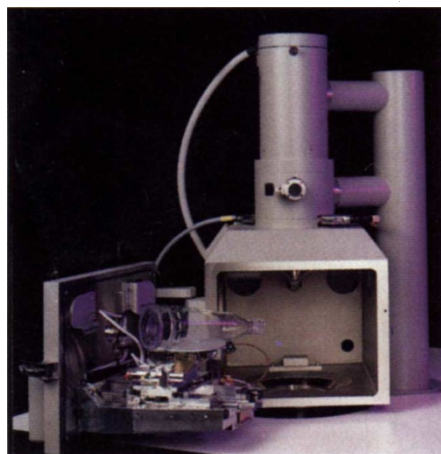
#### Microscopy



##### Automated microscopes

Nikon's (Badhoevedorp, The Netherlands) Eclipse microscopes are fully motorized and have a host of automatic functions. They can choose the ideal setting automatically for each magnification, automatically adjust the height of the stage, change the field diaphragm, and regulate the aperture diaphragm, while adjusting brightness intensity to optimum conditions once the magnification is set. The Eclipses have motorized sextuple nosepieces.

**Tel: +31 20 44 96 222**  
**Fax: +31 20 44 96 299**  
**RSN: 1079**



##### Scanning electron microscope

A new scanning electron microscope from Leo (Cambridge, UK) is designed for the analysis of large samples. The LEO 438VP has a chamber capable of holding specimens up to 65 mm thick and 200 mm in diameter. The chamber has pressure control between 1 and 300 Pa to neutralize any specimen charging, and allows high kV analysis of complete insu-

lators with little or no sample preparation. The microscope has a 5-axis motorized stage controlled with dual joysticks.

**Tel: +44 1223 414166**  
**Fax: +44 1223 412776**  
**info@leo-em.co.uk**  
**RSN: 1080**



##### Research microscopes

Leica's (Deerfield, IL) DM R microscopes feature a redesigned reflected light illumination path for a wider spectral response, increased light transmittance, and brighter illumination intensity, resulting in increased fluorescence signals. In addition, new high-numerical-aperture, dry and multi-immersion application-specific objectives with correction collars are designed for live cell research using high-resolution interference contrast and fluorescence techniques.

**Tel: +1 847 405 0123**  
**Fax: +1 847 405 0147**  
**<http://www.leica.com>**  
**RSN: 1081**

##### Laser scanning microscope

The LSM 510 confocal laser scanning microscope from Carl Zeiss (Thornwood, NY) combines the LSM 510 scanning module with Zeiss Axiovert and AxioPhot microscopes to ensure high optical precision, stability, and flexibility. High resolution and a large scanning-field display the smallest details with no loss of information; with optimally matched hardware and software, users can solve complex research tasks with ease.

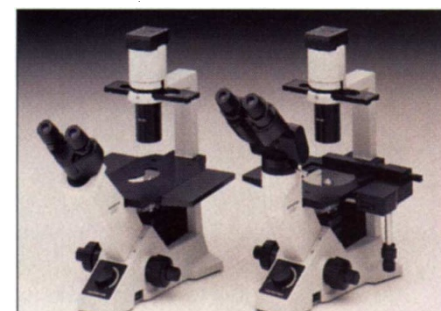
**Tel: +1 800 233 2343**  
**Fax: +1 914 681 7446**  
**<http://www.zeiss.com>**  
**RSN: 1082**



##### Scanning probe microscope

BioProbe from Park Scientific Instruments (Sunnyvale, CA) is a complete SPM system that mounts onto the stage of all popular inverted and upright microscopes. It lets researchers use all optical and scanning probe techniques simultaneously with its low profile scanner, which rests under inverted microscope condensers and long-distance upright microscope objectives. BioProbe allows easy access to the sample area with micromanipulators, and samples can be imaged in air or a variety of liquids including buffers, physiological fluids, and organic solvents.

**Tel: +1 800 776 1602**  
**Fax: +1 408 747 1600**  
**<http://www.park.com>**  
**RSN: 1083**



##### Research microscopes

The CK range of microscopes from Olympus (Hamburg, Germany) brings improved optical performance and more convenient operation. A new range of objectives and matching phase contrast slider allows immediate viewing of the specimen without the need for centering. A compact design and small footprint allow the CKs to be used in safety cabinets and take up less bench space. The CK30 has a low-cost fixed head, while the CK40 has a new tilting head.

**Tel: +49 40 237 730**  
**Fax: +49 40 230761**  
**RSN: 1084**