



## VIVASCOPE® 3000

DISCOVER A NEW CLASS OF SKIN CANCER IMAGING AND DIAGNOSIS

*NONINVASIVE | OPTICAL BIOPSY IN REAL TIME*

### VIVASCOPE 3000 HIGHLIGHTS

- Easy Operation
- No special preparation of tissue or patient
- Rapid image capture
- Quasi-histological noninvasive imaging
- Ability to image difficult to access areas of the body

### SAMPLE APPLICATIONS

- Rapidly characterize normal and abnormal skin morphology
- Noninvasively monitor wound healing and tissue regeneration
- Differentiate pigmented from non-pigmented skin neoplasms at the bedside
- Differentiation of allergic and contact dermatitis
- Establish laser treatment parameters
- Evaluate the photoaging processes
- Diagnose nonmelanocytic lesions, including basal cell carcinoma and seborrheic keratosis at the bedside
- Monitor therapeutic results of noninvasive treatments
- Cosmetic, personal care or therapeutic product claims validation

The VivaScope® 3000 is a handheld cellular confocal imager that helps to simplify the examination of difficult to access areas of the body, such as around the eyes, nose, and ears. The VivaScope® 3000 delivers noninvasive images in a configuration that allows the operator to freely navigate the device across the surface of the skin.

The VivaScope® 3000 system uses industry-leading reflectance confocal laser scanning microscopy to display and capture images of healthy and unhealthy tissue in vivo.



## VIVASCOPE® 3000 FEATURES

- Portable & Versatile
- FDA 510(k) Cleared
- Real-time diagnosis
- Remote archival of data
- Advanced patient and image search functionality
- Structured Training Program
- Intuitive, graphical interface
- **VivaStack:** Stack of images captured from the surface to the superficial dermis or specified depth
- **Confocal Capture:** Single Confocal Image Capture
- Multi-touch interface for software and image navigation

[www.caliberid.com](http://www.caliberid.com)

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# VIVASCOPE® 3000 Technical Specifications

## VIVASCOPE® 3000

### OPTICAL RESOLUTION (IN TISSUE):

**Horizontal:** < 1.25  $\mu\text{m}$  at the center of Field of View (FOV)

**Vertical:** < 5.0  $\mu\text{m}$  at center of FOV

### DEPTH OF IMAGING:

Superficial reticular dermis; dependent on tissue

### SINGLE FRAME FOV:

750  $\mu\text{m}$  X 750  $\mu\text{m}$

### DISPLAYED IMAGE RESOLUTION:

1000 X 1000 pixels

### FRAME RATE:

$\geq 6$  fps

### CERTIFICATIONS:

CE Mark, FDA 510 (k) Cleared

### IMAGING WAVELENGTH:

830 nm

### IMAGE SYSTEM CLASSIFICATION:

CDRH USFDA Class I, IEC Class 1M

### OPERATING ENVIRONMENT:

55° to 85° F (13° to 30° C)

### POWER SOURCE:

110-230 VAC 50-60 Hz

### OPERATING HUMIDITY:

Non-condensing



VIVASCOPE® 3000



PORTABLE UNIT  
TRAVEL CASE



VIVASCOPE® 3000 - PORTABLE UNIT

**CALIBER** I.D.  
IMAGING & DIAGNOSIS ON A CELLULAR LEVEL



## CORPORATE HEADQUARTERS

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