



## VIVASCOPE® 1500

### DISCOVER A NEW CLASS OF SKIN CANCER IMAGING AND DIAGNOSIS

*NONINVASIVE | OPTICAL BIOPSY IN REAL TIME*

#### VIVASCOPE 1500 HIGHLIGHTS

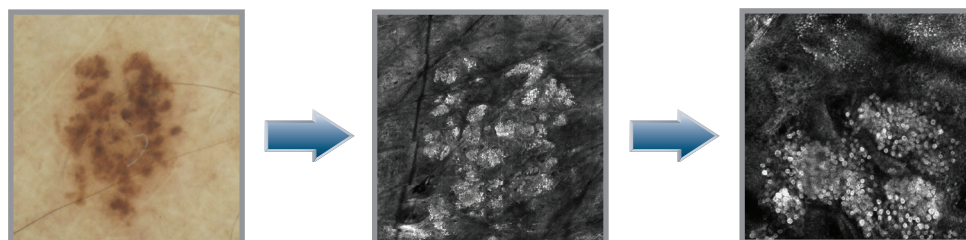
- Easy Operation
- Quasi histological noninvasive imaging
- Rapid image capture

#### SAMPLE APPLICATIONS

- Rapid characterization of normal and abnormal skin pathologies
- Cosmetic, personal care and therapeutic product claims validation
- Noninvasively monitor wound healing and tissue regeneration
- Differentiate melanocytic from non-melanocytic skin neoplasms at the bedside
- Differentiation of allergic and contact dermatitis
- Establish laser treatment parameters
- Evaluate the photoaging process
- Monitor therapeutic results of noninvasive treatments

The VivaScope® system offers physicians and researchers in the fields of medicine and skin care the possibility of an optical examination of the skin in real time.

The VivaScope® 1500 is well suited for a wide variety of medical and cosmetic applications. It has become an integral part of many dermatologists' offices, cosmetics companies and research organizations for the evaluation of suspicious lesions and for assessment of biological properties of skin related to cosmetic and pharmaceutical applications.



The VivaScope® 1500 is designed specifically to meet the stringent demands of skin clinicians and scientists investigating living processes at the cellular level in skin and other tissues. VivaScope® System technology is the only noninvasive skin imaging technology that offers the ability to accurately identify and diagnose disease through the direct visualization of cells.

## VIVASCOPE® 1500 FEATURES

- FDA 510(k) Cleared
- Patented tissue-stabilizing methods
- Intuitive, graphical interface
- Advanced patient and image search functionality
- Multi-touch interface for software and image navigation
- Integrated clinical and dermoscopic imaging modalities
- Remote archival of data
- **VivaBlock:** Mosaic image capture up to 8 x 8 mm at a specific depth
- **VivaStack:** Stack of images captured from the surface to the superficial dermis or specified depth
- **Confocal Capture:** Single Confocal Image Capture
- Real time diagnosis

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

95 Methodist Hill, Suite 500 | Rochester, New York 14623 | USA  
Main Office: +1.585.239.9800 | [info@caliberid.com](mailto:info@caliberid.com)

# VIVASCOPE® 1500 Technical Specifications

## OPTICAL RESOLUTION (IN TISSUE):

**Horizontal:** <1.25  $\mu\text{m}$  at center of field of view (FOV)

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

## FRAME RATE:

$\geq 9$  fps

## MAPPED FIELD:

$\pm 4$  mm in both the X & Y directions

## SINGLE FRAME FOV:

500  $\mu\text{m}$  x 500  $\mu\text{m}$

## DISPLAYED IMAGE RESOLUTION:

1000 x 1000 pixels

## DEPTH OF IMAGING:

Superficial Reticular Dermis; dependent on tissue

## IMAGE FORMATS:

DICOM-compatible bitmap/DICOM-compatible movie

## IMAGING WAVELENGTH:

830 nm

## LASER SYSTEM CLASSIFICATION:

CDRH USFDA Class I, IEC Class 1M

## OPERATING ENVIRONMENT:

55° to 85° F (13° to 30° C)

## OPERATING HUMIDITY:

Non-Condensing

## POWER SOURCE:

100-240V, 50-60Hz

## CERTIFICATIONS:

CE Mark, FDA 510(k) Cleared

## INTENDED USE STATEMENT

The VivaScope® System is intended to acquire, store, retrieve, display and transfer in -vivo images of tissue, including blood, collagen and pigment, in exposed unstained epithelium and the supporting stroma for review by physicians to assist in forming a clinical judgment.



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



## CORPORATE HEADQUARTERS

95 Methodist Hill  
Suite 500  
Rochester, NY 14623 USA  
Phone: +1.585.239.9800  
Fax: +1.585.239.9806  
info@caliberid.com  
[www.caliberid.com](http://www.caliberid.com)