



Vevo[®] 3100

The Ultimate Preclinical Imaging Experience



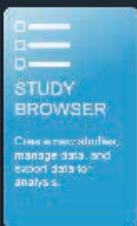
Introducing Vevo 3100

The World's First One-Touch Preclinical Imaging Platform

The Vevo 3100 is a new and innovative platform created for the future of imaging. It combines ultra high-frequency ultrasound imaging, quantification and education in a convenient all-in-one touchscreen platform.

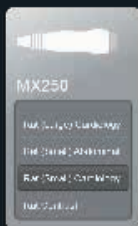
Its intuitive control panel allows customizable workflow for rapid data acquisition, providing extremely high-throughput when needed and saving you time! At the sweep of your hand, it responds so quickly and intelligently to your imaging needs, you'll know it was created precisely for researchers like you.

With lightweight ergonomically designed MX series transducers, imaging has never been easier and clearer. The Vevo 3100 enables you to obtain *in vivo* anatomical, functional, physiological and molecular data simultaneously, all in real-time and with a resolution down to 30 μm .



Customizable User Interface

Easily customize the interface to suit your needs. Swipe, Drag, Tap, Pinch or Spread – optimized workflow is always at your fingertips.



Vevo HD Image Technology

This revolutionary technology reduces speckle noise and artifacts in images while preserving and enhancing critical tissue information – all in real-time.



Real-Time Learning

For instant reference, scan with onboard step-by-step imaging tutorials and guides.

TOUCH | CUSTOMIZE | VISUALIZE





VISUALSONICS

VisualSonics is a leader in portable ultrasound.

SYSTEM
Check the system configuration and update the software.

PATIENT
Set up the patient information and the patient's name.

PROBE
Set up the probe information and the probe's ID.



Vevo 3100 Imaging Platform



- Vevo® HD Image Technology – visualize your data like never before

- Intuitive touchscreen interface for all user types
- Customizable workflow for rapid data acquisition

- Anatomical, hemodynamic, functional and molecular data all in one platform
- Compact imaging system – over 40% reduction in both size and weight
- State-of-the-art ultra high-frequency electronics operating up to 70 MHz



VISUALSONICS

MULTIPLE RESEARCH AREAS:
CARDIOVASCULAR, CANCER,
DEVELOPMENTAL BIOLOGY, CONTRAST
IMAGING, REGENERATIVE MEDICINE,
DRUG DEVELOPMENT, UROLOGY,
REPRODUCTIVE MEDICINE AND MORE!

Conduct in-depth analysis with advanced measurement
and calculation packages on the Vevo LAB software











MX Transducers

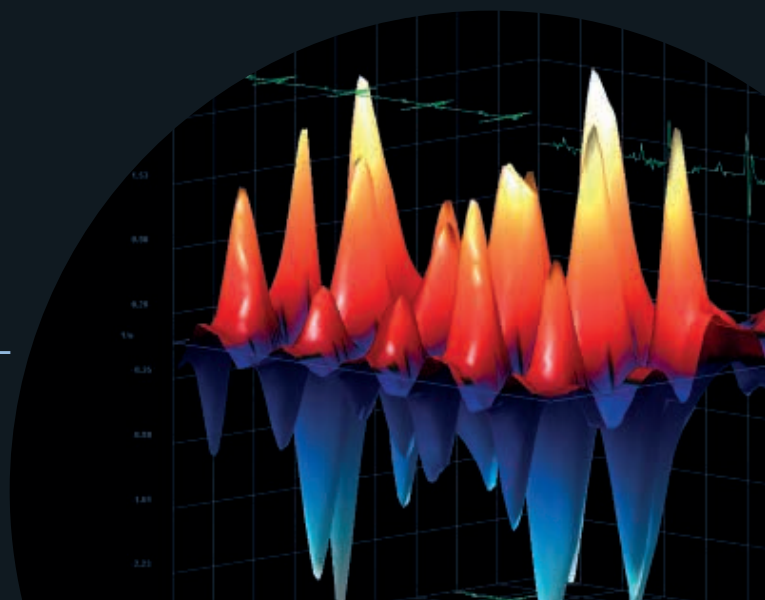
The MX series of ultra high-frequency linear array transducers are custom-designed and optimized to operate in harmony with the Vevo 3100 Imaging System. MX transducers are available across a wide range of frequencies to provide the flexibility you need for your small animal studies.

Examples include:

Transducer	Animal	Applications
 <p>MX250 13-24 MHz Axial Resolution: 75 μm</p>		<ul style="list-style-type: none"> • Cardiovascular and Abdominal • Tumors • All MicroMarker™ contrast applications
 <p>MX550D 22-55 MHz Axial Resolution: 40 μm</p>		<ul style="list-style-type: none"> • Abdominal, Reproductive, Cardiovascular, Embryology • Tumors
 <p>MX700 30-70 MHz Axial Resolution: 30 μm</p>		<ul style="list-style-type: none"> • Vascular, Embryology • Superficial tissue • Ophthalmology

For a complete list of MX transducers and more specifications, please visit our website.

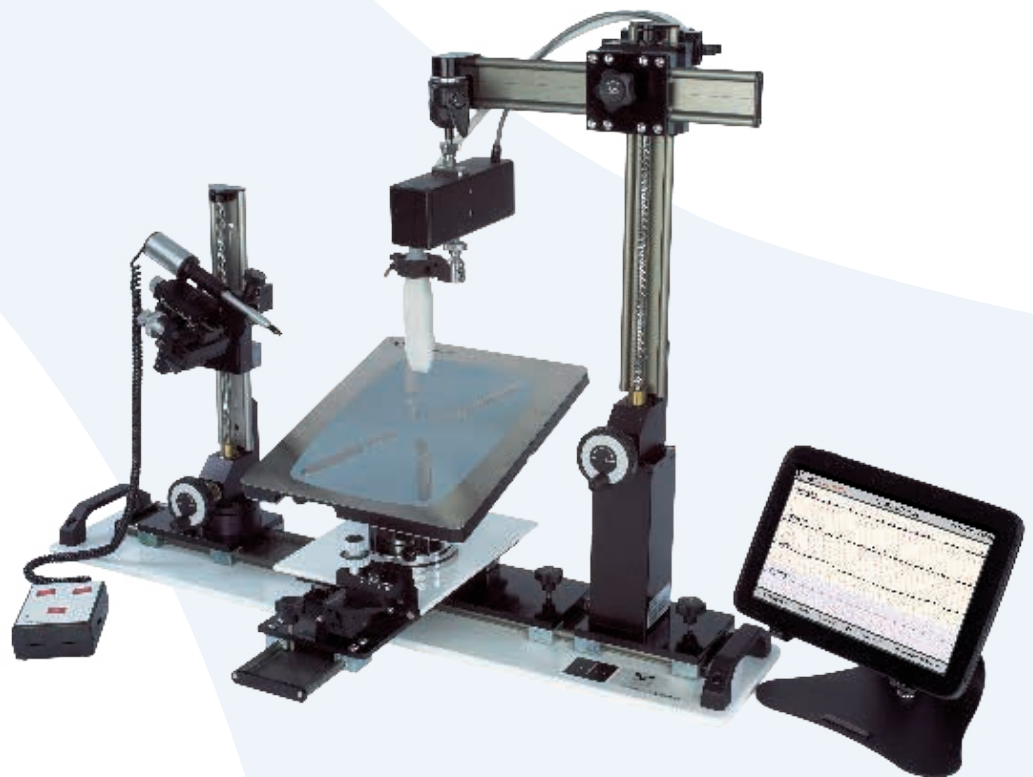
HIGH-RESOLUTION | LONGITUDINAL
REAL-TIME | HIGH-THROUGHPUT



Vevo Imaging Station

Standardize image acquisition and quantification to ensure repeatable, reproducible results and high-throughput workflow for multiple animal studies.

- Warmed platform for maintaining optimal physiological conditions for small animals
- Integrated & displayed physiological monitoring – ECG, heart rate, core temperature, respiration, blood pressure
- Transducer mounting system for precision and hands-free scanning
- Precision micro-injection system for injections or extraction procedures
- Compatible with the Vevo Compact Anesthesia System and the Vevo E-Box



Vevo Technology Innovation

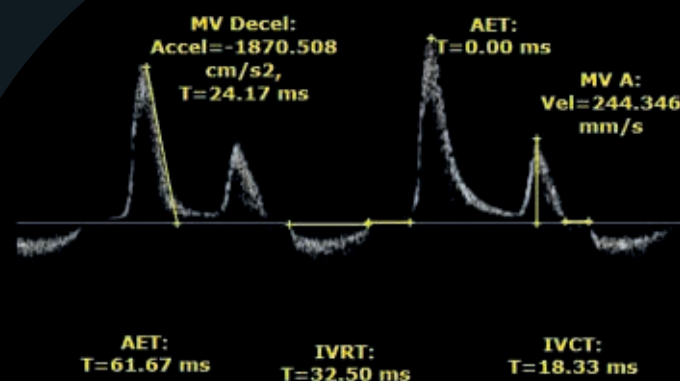
The original Vevo platform was the world's first commercially available ultra high-frequency ultrasound imaging system.

High anatomical resolution, physiological and microcirculation quantification, and molecular data have enabled scientists worldwide to visualize and measure what was previously unattainable. As the undisputed leader in real-time *in vivo* micro-imaging systems, VisualSonics once again advances the world of preclinical research with the Vevo 3100 imaging platform.



2000 VS40	2003 Vevo 660	2006 Vevo 770	2008 Vevo 2100	2011 Vevo LAZR	2013 Vevo 1100	2014 Vevo 3100 Launched
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TRANSLATABLE IMAGING
AND CALCULATIONS FROM
BENCH TO BEDSIDE



WORLD'S FIRST
ONE-TOUCH
PRECLINICAL
IMAGING PLATFORM



Vevo Support

The advanced technology of the Vevo 3100 high resolution imaging platform is accompanied by an integrated approach to service and support.

Applications Support and Training Customized to Your Needs

- Customer On-Site Training
- VSI University Courses – tailored hands-on education

Online Resources

- Live Webinars
- Imaging Guides and Videos
- Grant Support Program
- Vevo Ambassador Program and more

Technical Support

- On-site Support
- Online Support

For additional resources, support or service requests, visit our website:

www.visualsonics.com



STUDY A WIDE RANGE
OF ANIMAL MODELS
FROM EMBRYOS TO ADULTS





VISUALSONICS

Hello, where would you like to start?

STUDY BROWSER
Create new studies, manage data, and export data for analysis

MX250
Rat (Large) Cardiology
Rat (Small) Abdominal
Rat (Small) Cardiology
Rat Contrast

HELP
Learn the the Vevo 3100



www.visualsonics.com