

# Comparison: Vevo 2100 & Vevo 770



## Vevo 2100

### Improved Features

- High frequency transducers constructed with 256 elements spaced at 38  $\mu\text{m}$
- Multiple focal zones (up to three)
- High frame rates (up to 1000 frames per second)
- Export of IQ, Envelope or Reconstructed RF Data
- Non-linear contrast - only available with digital technology – increased sensitivity
- Improved Power Doppler imaging
- Acquisition of 3D images is 10X faster

### New Features

- VevoStrain
- Color Doppler
- Simultaneous viewing of two modes (B and M or B and PW)
- Steerable Doppler
- ECG-gated acquisition
- Rabbit imaging with MS200 transducer

## Vevo 770

- Single element transducers
- Single narrow horizontal focal zone
- Frame rates up to 240 fps
- Access to only Envelope data (raw RF data) through oscilloscope connection to the ultrasound unit
- Contrast available but not as sensitive as non-linear
- Lower sensitivity due to lower frame rates
- Slower 3D imaging
- Not available
- Not available
- Not available
- Not available
- Not available
- Not possible