

VU3EXP Veterinary Color Doppler Ultrasound System

Large Animal Reproduction | Comprehensive and Precise



Product Overview

The VU3EXP is a portable Veterinary Color Doppler Ultrasound System designed for large-animal reproductive imaging. It supports pregnancy examination, follicular and ovarian monitoring, breeding management and reproductive blood-flow assessment across equine, bovine and ovine applications.

Large Animal Applications

-  Equine – Follicular Monitoring & Pregnancy
-  Bovine – Pregnancy Examination
-  Ovine – Pregnancy & Twin Pregnancy
-  Reproduction – Follicular & Ovarian Monitoring
-  Doppler – Reproductive Blood-Flow Assessment

Why Choose the VU3EXP-L

- Pregnancy-focused portable imaging
- Equine, bovine and ovine applications
- Large-animal reproductive presets
- Follicular and ovarian monitoring
- Colour, Power and PW Doppler
- One-key image optimisation
- Automatic spectrum envelope
- Portable and lightweight design

Feature Highlights

- 15.6" Medical Monitor – 75° rotation
- Lightweight – Approx. 6.3 kg
- Built-in Removable Battery
- Backlit Keyboard
- Splash-Resistant Keyboard
- 3 Activated Transducer Connectors
- Large-Animal Reproductive Presets
- Colour, Power & PW Doppler



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PRODUCT SPECIFICATIONS

Specification	Details
System	Veterinary Color Doppler Ultrasound
Display	15.6" Medical Monitor
Monitor Rotation	75°
Weight	Approx. 6.3 kg
Battery	Built-in, removable
Keyboard	Backlit
Keyboard Protection	Splash-resistant film
Transducer Connectors	3 activated connectors
Probe Holder	Removable
Connectivity	HDMI, USB 3.0, USB 2.0

Reproductive Imaging Functions

- Large-animal reproductive presets
- Follicular and ovarian monitoring
- Pregnancy examination and follow-up
- Colour, Power and PW Doppler workflows
- One-key image optimisation
- Automatic spectrum envelope
- Preset-driven reporting and data management

Doppler

Ovarian blood-flow assessment
Fetal cardiac blood-flow assessment

Imaging Technologies

- Frequency Composite Imaging
- PIHI Harmonic Imaging
- ZClear Adaptive Filtering
- Colour / Power / PW Doppler

Professional Reproductive Workflow

Reproductive Transducer

616PD Intrarectal Linear Array

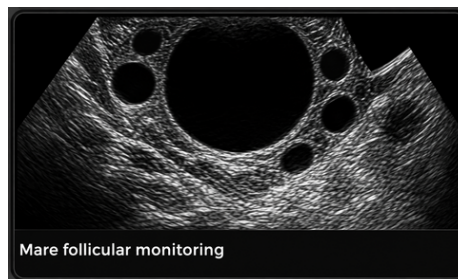
Frequency: 3.5–12.0 MHz

Application: Farm-animal reproduction

Imaging Applications

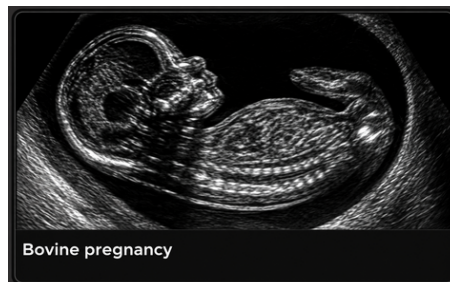
Mare

Ovarian follicle monitoring
Early pregnancy examination



Bovine

Fetal pregnancy examination



Ovine

Twin pregnancy examination



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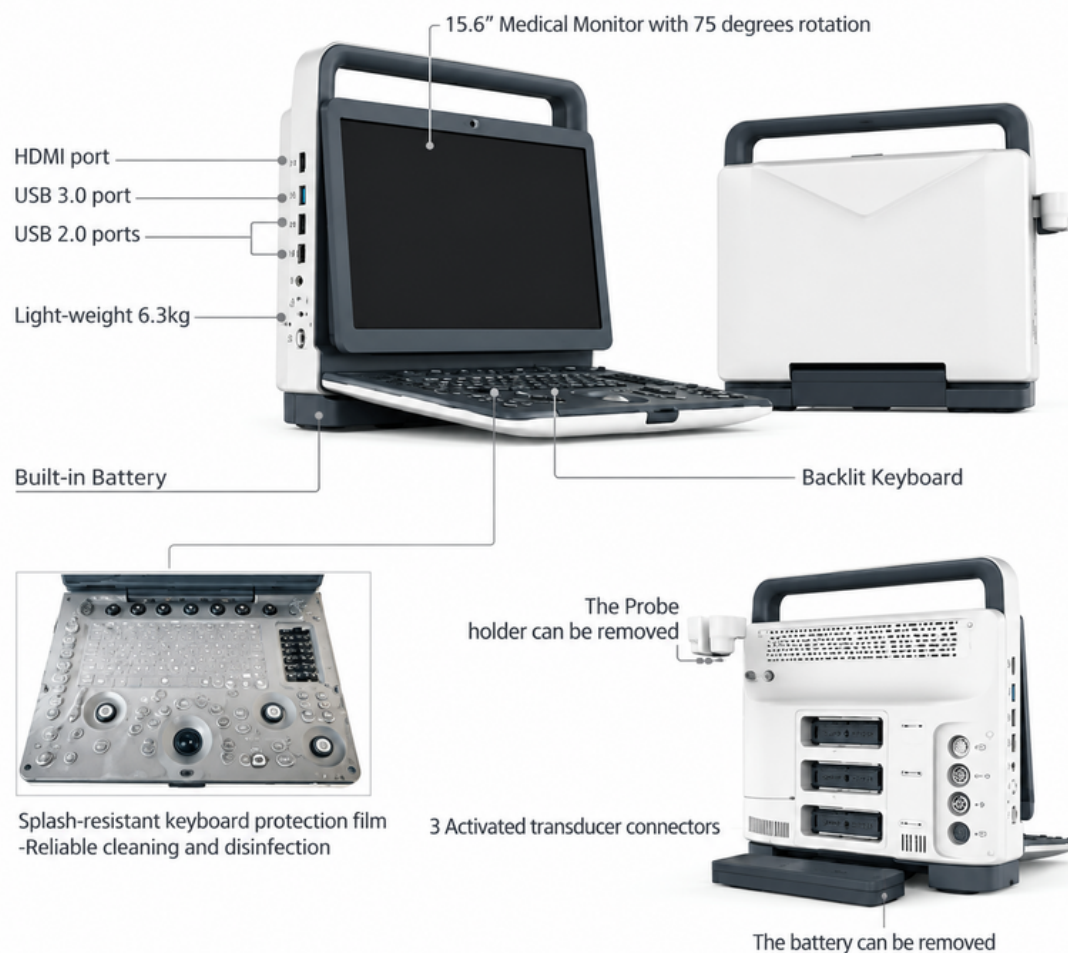
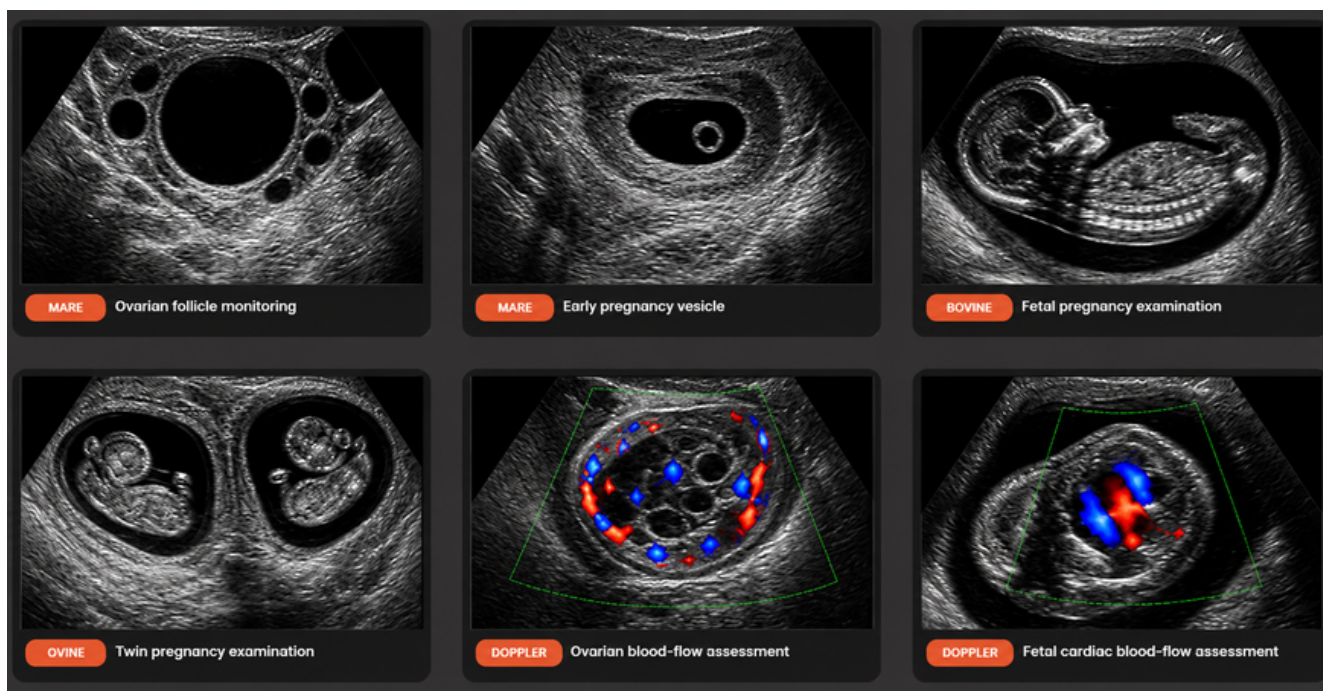
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Large-Animal Reproductive Imaging

Pregnancy, ovarian monitoring and reproductive blood-flow assessment



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