







# TAU 15|15

Upgrade your  
expectations



# ANATOMY REVEALED.

- 1. LIVE IMAGE SIZE** | Expect exceptional diagnostic imagery with a 12" x 12" live image to see fine details of anatomy with vivid clarity.
- 2. 24" MONITOR** | See more on-screen content with a resolution of 1920 x 1200 in bright detail for an immersive imaging experience.
- 3. ORTHOTOUCH™ 2.0** | Advanced touchscreen interface.
  -  Color interface
  -  Anatomical selections
  -  Touch support
  -  Pediatric software
- 4. ON-SCREEN HELP** | Description of common system functions available directly on-screen.
- 5. MONITOR ARM** | Allows for easy adjustment of monitor and keyboard for viewing of anatomy while sitting or standing.

## Intelligent Dose Reduction

### *Do more. Dose less.*

At Orthoscan, we understand your concern about radiation exposure and the demand for high-quality images. That's why the TAU family includes cutting-edge Intelligent Dose Reduction technology that provides the best in diagnostic image quality while reducing exposure to you and your patients.

# IMAGING, EVOLVED.

## Detector Size

### Capture more anatomy in one shot

With a 15cm x 15cm detector, Orthoscan TAU 1515 provides 25 - 33% larger surface area compared to conventional mini C-arms\*. Keep your focus on the patient and not the equipment by achieving preferred views with fewer shots, improving your work flow and reducing exposure to you and your patients.

## Flexibility

### A mini C-arm that works with you, not against you

With an increased orbital rotation of 160°, a larger arc depth of 20", and an integrated umbilical cable; Orthoscan TAU 1515 combines high versatility with increased articulation. Improve your work flow and efficiency with minimal adjustments, allowing you to effortlessly maneuver in the surgical field with just a turn of the wrist.



Foot Imaging



Knee Imaging



Shoulder Imaging



Elbow Imaging



## PEDIATRIC INDICATION

Designed for use with pediatric patients



## KEEPING IT MINI

Light weight & compact design simplifies transportation & storage



## SURGICAL LED LIGHTS

Provides additional illumination on the anatomy



## CONNECTIVITY

Easily access the power button & I/O ports directly on top of the chassis



## PULSED FLUOROSCOPY

- Selectable pulse rates of 30, 15, & 7.5 pulses per second
- Dose reduction without loss of image quality



## OPTIMIZED DOSE FILTER

- Only mini C-arm with pediatric indication
- Reduced dose while maintaining image quality
- Reduced exposure to surgeons & patients



## NEXT GENERATION CMOS

- Increased DQE efficiency
- Improved image brightness & quality
- Dose reduction & decreased ramp time

Up to  
**79%**  
Cumulative  
Dose Reduction  
can be achieved\*



## MONITOR

Display size	24" LCD
Primary "live" image	12" x 12"
Dual reference image	5" x 5"
HDMI	✓

## DETECTOR

Type	CMOS detector
Detector size	15cm x 15cm

## X-RAY GENERATOR

kV range	40 - 78 kVp
mA range	0.040 - 0.160 mA
Selectable pulse rate	Cont, 30, 15, 7.5 pps

## ELECTRICAL

Sterile field controls	Bilateral
Multifunction wireless foot switch	✓
Laser alignment	✓
Surgical LED lights	✓

## DOCUMENTATION

Wireless communication	Optional
DICOM 3.0 compliant	✓
Printer	✓

## MECHANICAL

Weight	475lb
Height	48"
Footprint (W x L)	29" x 33"

# ADDITIONAL FEATURES.

- 1. IMPROVED BILATERAL CONTROLS** | New back-lit controls are easier to see with additional buttons for upgraded functionality in the sterile field.
- 2. THREE-WAY BRAKE CONTROL** | Maneuver your system with ease down hallways, around corners, and in the operating room.
- 3. INTEGRATED CABLE PUSHERS** | Protects power cords and other cables from being damaged.

- + UPGRADED SERVICEABILITY** | Redesigned from the inside out to reduce service maintenance time.
- + ENHANCED SECURITY** | Keep your equipment and data safe in the modern healthcare environment.



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Orthoscan and Orthotouch are registered trademarks of Orthoscan, Inc. Product features and specifications are subject to change without notice. 110-0224 Rev C, 7/22/2019 © 2019 Orthoscan, Inc. \* Compared to 12cm x 15cm detectors and 13cm x 13cm detectors. † Using Intelligent Dose Reduction (with Cu filter) when compared to Orthoscan 1000-0004-FD. In clinical practice, the use of IDR may reduce patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.

