TAU 20|20

The superior choice
in imaging

C | ORTHOSCAN

ANATOMY REVEALED.

1. LIVE IMAGE | Expect exceptional diagnostic imagery with a 33cm x 33cm live image to see fine details of anatomy with vivid clarity.

2. 27" MONITOR | With the largest screen on a mini, experience optimal eye comfort on a hi-bright, 1920 x 1080 resolution monitor.

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.

20cm

20cm

Detector Size
Bigger detector.
Bigger possibilities.

Over twice the size of detectors found on conventional mini C-arms*, Orthoscan TAU 2020 blurs the line between mini and full size. Confirm joint space with accuracy, see fractures in full view, and save dose by minimizing shots so you can work efficiently. Combined with pediatric indication, image anatomy in ways never before possible on a mini C-arm.

Stepless (Motorized) Collimator
Seamless collimation for the perfect shot

Introducing the industry's first stepless motorized collimator in a mini C-arm. With a touch of a finger, users can infinitely adjust via the touchscreen interface to minimize radiation exposure and reduce patient dose, while limiting the area of interest. Improved contrast and detail-rich images provide users a clear image for an accurate diagnosis.

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

160°

FLEXIBILITY
Increased orbital rotation of 160°, larger arc depth of 50.8cm, & improved umbilical cable

Hand Imaging

Foot Imaging

Knee Imaging

Wrist Imaging

Elbow Imaging

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

+

CMOS Next Gen
NEXT GENERATION CMOS
• Increased DQE efficiency
• Improved image brightness & quality
• Dose reduction & decreased ramp time

Up to
86%
Cumulative Dose Reduction can be achieved†

MONITOR

Display size	27" LCD
Primary "live" image	33cm x 33cm
Dual reference image	15.2cm x 15.2cm
HDMI	✓

DETECTOR

Type	CMOS detector
Detector size	20cm x 20cm

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	215.5kg
Height	121.9cm
Footprint (W x L)	73.7cm x 83.9cm

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. **USER-FRIENDLY CONNECTIVITY** | Easy access to the power button and I/O ports directly on top of the chassis.

3. **THREE-WAY BRAKE CONTROL** | Maneuver your system with ease down hallways, around corners, and in the operating room.

4. **INTEGRATED CABLE PUSHERS** | Protects power cords and other cables from being damaged.

+ **UPGRADED SERVICEABILITY** | Redesigned from the inside out to reduce service maintenance time.

+ **UNINTERRUPTIBLE POWER SUPPLY‡** | Protects your system from data loss in the event of a sudden power failure.

+ **ENHANCED SECURITY** | Keep your equipment and data safe in the modern healthcare environment.

ORTHOSCAN

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Made in the USA