



The **Orthoscan Tau 2020** is a mini c-arm that features improved articulation, advanced user-interface, and intelligent dose reduction. It has a light-weight frame and a bright 27" monitor with a 13" x 13" live image. The Tau 2020 has additional bilateral backlit controls on the c-arm. The 2020 has a three-way brake control that allows you and your team to maneuver this system with ease down hallways and around corners.

## Features

- 27" monitor with a resolution of 1920x1080.
- Advanced touchscreen interface with anatomical selections and pediatric software.
- 13" x 13" live image that helps to see fine details.
- Simple storage methods and easy transportation.
- Orbital rotation of 160° with an arc depth of 20".
- Puled fluoroscopy technology.
- CMOS detector.



## Specifications

**Dimensions (Overall)**  
**Height:** 48 in (122 cm)  
**Width:** 29 in (73.7 cm)  
**Depth:** 33 in (83.8 cm)  
**Weight:** 475 lbs. (215.5 kg)

**Mechanical**  
**Orbital Rotation:** 160°  
**Pivot Rotation:** 430°  
**Lateral Rotation (Wig-wag):** 320°  
**Vertical Range:** 26.5" (67.3 cm)  
**Arc Depth:** 20" (50.8 cm)

**Detector**  
**Type:** CMOS detector  
**Detector resolution:** 2 k x 2 k  
**Detector size:** 20 cm x 20 cm  
**Useful array:** 20 cm x 20 cm  
**Pixel spacing:** 99 microns  
**Dose rate:** AKR / DAP

**X-Ray Generator**  
**Focal spot:** 42.5 microns  
**kV range:** 40 – 78 kVp  
**mA range:** 0.040 – 0.160 mA  
**Operating Mode:** Pulse/Continuous  
**Selectable pulse rate:** Cont, 30, 15, 7.5, 2 pps  
**Collimator:** Stepless (4 leaf, 2 axis)

**Monitor**  
**Display Size:** 27" LCD  
**Primary "Live" Image:** 13" x 13" (33 x 33 cm)  
**Dual Reference Image:** 6" x 6" (15.2 x 15.2 cm)  
**Brightness:** 450 cd / m<sup>2</sup>  
**Resolution:** 1920 x 1080  
**Interface:** DVI  
**Arm Horizontal Reach:** 26" (66 cm)  
**Arm Vertical Travel:** 14" (35.6 cm)  
**Arm Vertical Height:** 19" (48.3 cm)  
**Arm Lateral Rotation:** 216° + 370° + 200°

