Compared to 12 cm x 15 cm detectors.

Using Intelligent Dose Reduction (with Optimized Dose Filter) when compared to Orthoscan 1000-0004-FD. In continuous mode, users will not attain the stated levels of cumulative dose reduction possible with that offered in pulsed fluoroscopy. 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.

Compared to 12 cm x 15 cm detectors and 13 cm x 13 cm detectors.

Using Intelligent Dose Reduction (with Optimized Dose Filter) when compared to Orthoscan 1000-0004. In continuous mode, users will not attain the stated levels of cumulative dose reduction possible with that offered in pulsed fluoroscopy. 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.
Innovative imaging solutions for orthopaedic surgeons.

Since 2002, Orthoscan has been the leader in the mini C-arm market with a worldwide installed base and committed to innovative digital imaging solutions for orthopaedic surgeons in offices and clinical environments. Mini C-arms are the ideal solution for fluoroscopy of the extremities at minimised dose levels without sacrificing image quality. Orthoscan’s TAU family are the first mini C-arms designed and approved for use with pediatric patients.
## Pediatric indication

Mini C-arms are designed for use with pediatric patients.

## Keeping it mini

- Lightweight & compact design simplifies transportation & storage.

## Connectivity

- Easy access to the power button & I/O ports directly on top of the chassis.

## Bilateral controls

- Improved functionality for the sterile field with back-lit controls.

## Surgical LED lights

- Provide additional illumination on the anatomy.

## Flexibility

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

### TAU 2020

- **The superior choice in imaging**

<table>
<thead>
<tr>
<th>Imaging technology</th>
<th>Next generation flat-panel 20 cm x 20 cm</th>
<th>Next generation flat-panel 15 cm x 15 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image resolution</td>
<td>1,900 x 1,900</td>
<td>1,400 x 1,400</td>
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<tr>
<td>Pixel spacing</td>
<td>99 microns</td>
<td>100 microns</td>
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<tr>
<td>Pulsed Fluoroscopy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>High-bright LCD monitor</td>
<td>27”</td>
<td>27”</td>
</tr>
<tr>
<td>Touchscreen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bilateral sterile field controls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steplss collimator</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Optimized dose filter</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Pediatric mode</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>160° orbital movement</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Weight</td>
<td>215.5 kg</td>
<td>215.5 kg</td>
</tr>
</tbody>
</table>

### TAU 1512

- **Upgrade your expectations**

### MOBILE Di

- **Exceptional imaging begins here**

<table>
<thead>
<tr>
<th>Imaging technology</th>
<th>Next generation flat-panel 15 cm x 12 cm</th>
<th>Next generation flat-panel 15 cm x 12 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image resolution</td>
<td>1,400 x 1,100</td>
<td>1,900 x 1,500</td>
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<tr>
<td>Pixel spacing</td>
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<td>75 microns</td>
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<td></td>
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</tr>
<tr>
<td>160° orbital movement</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Weight</td>
<td>215.5 kg</td>
<td>15.9 kg</td>
</tr>
</tbody>
</table>

- available ✓ | not available –
01/The superior choice in imaging.
Orthoscan TAU 2020

→ Bigger detector. Bigger possibilities.
Over twice the size of detectors found on conventional mini C-arms¹, 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.

→ 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.

→ Intelligent dose reduction
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.

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 FLAT PANEL DETECTOR
- Increased workflow & efficiency
- Improved image brightness & quality
- Dose reduction & decreased ramp time

UP TO 86% CUMULATIVE DOSE REDUCTION CAN BE ACHIEVED²
02 / Upgrade your expectations.
Orthoscan TAU 1515

→ Capture more anatomy in one shot
With a 15 cm x 15 cm 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 workflow and reducing exposure to you and your patients.

→ A mini C-arm that works with you, not against you
With an increased orbital rotation of 160°, a larger arc depth of 50.8 cm, and an integrated umbilical cable, Orthoscan TAU 1515 combines high versatility with increased articulation. Improve your workflow and efficiency with minimal adjustments, allowing you to effortlessly maneuver in the surgical field with just a turn of the wrist.

→ Intelligent dose reduction
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.

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NEXT GENERATION FLAT PANEL DETECTOR
- Increased workflow & efficiency
- Improved image brightness & quality
- Dose reduction & decreased ramp time

UP TO 79% CUMULATIVE DOSE REDUCTION CAN BE ACHIEVED²
03/Exceptional imaging begins here.
Orthoscan TAU 1512

→ A mini C-arm that works with you, not against you
An expanded orbital rotation of 160° allows preferred views of anatomy to be obtained without patient discomfort. Whether you’re imaging children or adults, a 50.5 cm arc depth provides the necessary space to position patients of all sizes. Get all the flexibility you need with an improved umbilical cable, allowing you to easily maneuver the C-arm in the surgical field. Combined, these features simplify and improve your workflow.

→ Big capability, small size
Lighter and smaller than competitive equipment, Orthoscan’s TAU family is keeping the mini C-arm mini. While in compact mode, storage and maneuvering through restrictive spaces is effortless and a 3-way braking system provides mobility and stability during positioning.

→ Intelligent dose reduction
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.

<table>
<thead>
<tr>
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<tbody>
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<tr>
<td>Reduced dose while maintaining image quality</td>
</tr>
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</tr>
<tr>
<td>Dose reduction &amp; decreased ramp time</td>
</tr>
<tr>
<td>Mag Mode maintains image quality without dose increase</td>
</tr>
</tbody>
</table>

CUMULATIVE DOSE REDUCTION CAN BE ACHIEVED*
04/Portable diagnostic imaging.  
Orthoscan Mobile DI

→ Digital portable imaging and fluoroscopy
Designed for the office and clinic, Mobile DI is a 16 kg self-contained portable mini C-arm capable of digital imaging and fluoroscopy. Mobile DI has the smallest footprint for mini C-arms on the market with improved features for users and patients to view X-ray images in real time.

→ Mobile accessory cart
Transport your Mobile DI between exam rooms with the optional Mobile DI Accessory Cart. Whether in standing or sitting position, this defining accessory allows you to reposition the detector and monitor with ease. With improved articulation to the monitor arm, view real-time results with your patients on a detail-rich display without adjusting.

→ Advanced touch-screen interface
The advanced Orthotouch™ user interface allows seamless operation of system controls while still supporting keyboard functions. Orthotouch™ provides a familiar experience – similar to a smartphone or tablet – that enhances interaction while viewing detailed anatomy.

CLINICAL & OFF-SITE EXTREMIT Y IMAGING
- Dynamic views
- Fluoroscopic guided injections
- Radiologic examinations
- Stress views
- Pin removals

NEXT GENERATION FLAT PANEL DETECTOR
- Closed reductions
- Motion studies
- Joint stability tests
- Arthrography

- Increased workflow & efficiency
- Improved image brightness & quality
- Dose reduction & decreased ramp time
- Mag Mode maintains image quality without dose increase

Maintain clinical excellence with these accessory options:
- Weight-bearing foot bench
- Custom covers & drapes
- Wheeled storage case
- Desktop setup
Do more. Dose less.

We care about our customers’ concerns and feedback, which leads us to push advancements in dose reduction, mechanical design and image quality, while providing high-quality products to the global medical community.

Our passionate pursuit of craftsmanship paired with exceptional performance is why Orthoscan is the global leader in mini C-arm imaging.
Mini C-arms
Dedicated to extremities imaging and pediatric use