PHILIPS

Image Guided Therapy

Mobile C-arm System 3000

Zenition 30

Unlimited potential at your fingertips

Zenition 50

Introducing Philips Image Guided Therapy Mobile C-arm System 3000 – Zenition 30

Give your surgical teams simple, flexible imaging to make fast, informed decisions with Zenition 30. Unique Surgeon Control, User Profiles and Touch Screen Module offers personalized control and clarity to enhance speed and decision-making to users helping staff constrained facilities. In addition, Philips premium imaging technology delivers outstanding image quality complemented with dose efficiency to meet the needs of busy care facilities and changing users, while building your economic and business value.

Leveraging Zenition's well-established ease of use and workflow efficiency, Zenition 30 offers versatility for a range of clinical procedures which include orthopedics, trauma, spine, pain management and other surgical procedures. You benefit from high uptime and a low total cost of ownership, supported by our global service organization.

Increase OR performance

Enhance your clinical capabilities over time

Outstanding user experience

Key benefits at a glance

More autonomy to end user

With combination of Surgeon Control and Touch Screen Module, reduce the dependence of user on supporting staff

Support efficient workflow

With Electromagnetic brakes to lock and unlock C-arm movements, get an improved workflow and reduce manual effort for the technician

Flexibility to users

User profiles empowers individual users to define profiles based on their preferences

High-quality imaging with endurance

High power and long X-ray time enables clinical decisions with confidence

Customize your imaging

With application specific protocols and customizable presets, get personalized image quality to fit your specific needs

Minimize exposure for young patients

Dedicated pediatric mode paves the way for procedures with very low dose

Freedom to move – even around smaller ORs

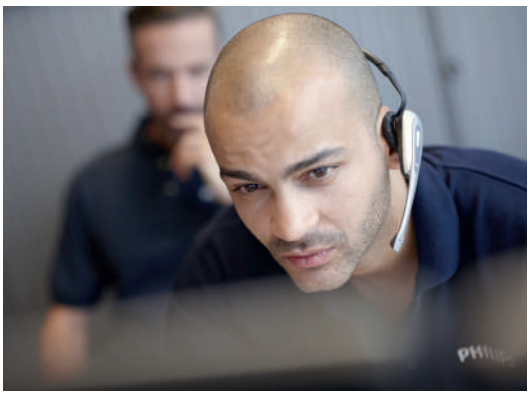
A space saving and lightweight design allow for easy C-arm movement, even if space is limited

Maintain high levels of uptime

Remote support helps reduce on-site visits and speed up issue resolution

Increase OR performance

Realize the full potential of your OR



Achieve your economic goals with a reliable system

Zenition 30 comes with a promise of higher uptime over its entire lifecycle thanks to a highly reliable design. Philips Remote Expert Connect enables proactive service, remote diagnosis and resolution further boosting the availability of the system for your busy OR.
With our Healthcare Operational Services multi-tier service agreements portfolio, you will be able to address your maintenance challenges and balance your financial goals.

Reduce clutter in the OR with space-saving design

OR space is the most valuable space in the hospital. Maximize the design of your OR and smoothen your workflow with the space saving design of Zenition 30. The system is ideal for smaller orthopedic ORs and pain clinics, with a compact design allowing for easy wheel-in and wheel-out, and smooth navigation of narrow corridors and spaces.

Reduce training time

Ease the burden of training new staff with intuitive controls, on-screen help, digital user guides and clinical education solutions to support a fast learning curve for technologists and physicians.

Transfer data beyond the OR

Easily connect all Zenition mobile C-arms with your hospital infrastructure thanks to advanced connectivity and interoperability tools, including high-speed wireless data transfer and full DICOM 3.0 capability.

Enhance cyber security with standard Windows® platform

This platform accommodates new software options to extend your system's clinical relevance. With the Windows® operating system, it also supports compliance with the latest security standards to protect patient data and prevent malware attacks which can affect service delivery.

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Zenition 30

Up to 90% reduction in X-ray dose in skeleton mode from selecting from a wide range of dose -frame rate combinations[1]

80% of users believe that the personalized image quality profiles will help them avoid adjustments to the image settings during a procedure[2]

84% of users believe the pediatric mode could lead to more confidence in treating pediatric patients[3]

Enhance your clinical capabilities

Technology that adapts to you – so you can deliver superior care

High power enables high-quality imaging

Zenition 30 is available in a 4kW and 2.1kW configuration, allowing you to meet the diverse needs of your OR. By harnessing this power, the 4kW configuration delivers sharp images of a static anatomy, while high frame rates combine with low pulse width to cater for your needs with a moving anatomy. Active oil circulation is used in X-ray tank for extended X-ray time and throughput. Day in, day out, our a-Si Flat Detector technology (20x20 cm) delivers distortion-free images with superb resolution and dose efficiency.

Compact Flat Detector with Surgeon Control

Premium imaging technologies

Philips' premium imaging technologies and advanced image processing algorithms combine with DoseWise radiation management features to give you superb quality images at efficient dose levels. MetalSmart feature prevents overexposure caused by metal objects in the field of view to enhance image quality for orthopedic procedures and patients with metal implants. BodySmart automatically adapts the measuring field to the area of interest and promotes first time right imaging and dose efficiency.

Fast and personalized imaging

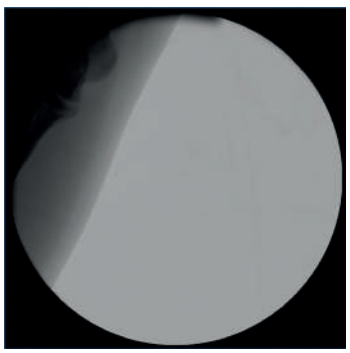
One-click procedure-specific protocols can set the required image quality parameters without applying overly high X-ray dose according to the ALARA principle. These imaging parameters can be further customized with user profiles. Simply select a choice from a predefined list of system and image quality preferences, based on contrast, sharpness, blur and noise.

Dedicated pediatric mode

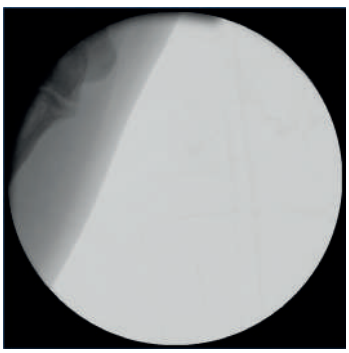
Optional exam settings enable low dose modes for pediatrics. Imaging and dose settings can be tailored to small objects and pediatric patients by removing the X-ray grid.

Extend your system's clinical relevance

Technology Maximizer is a program where you receive the latest available software and hardware technology releases for a fraction of the cost of purchasing them individually. This helps to keep your system clinically relevant over time.



Without BodySmart



With BodySmart

Without MetalSmart

With MetalSmart

Outstanding user experience

When patient care is your top priority, be in charge

Achieve more user autonomy

Conveniently position the C-arm from table-side, with the help of controls for Electromagnetic brakes mounted on the surgeon handle on the detector housing. Surgeon Control allows you to simply unlock the brakes by pressing a button, and to position the C-arm quickly. This feature accelerates your surgical workflow and reduces your dependence on surgical staff.

Surgeon control

Reduce manual effort and optimize workflow

Reduce manual effort to lock and unlock brakes with the controls for the Electromagnetic brakes provided on either side of C stand. The Electromagnetic brakes further contribute to an improved workflow for the technician, as all the brakes can be released from one place.

Let the system adapt to your needs

Create your unique profile as per your preference of imaging and general parameters. Every time you log-in, the system will automatically adjust to your settings. Create and store multiple profiles to take care of changing users.

More imaging control at table-side

The optional Touch Screen Module lets you control C-arm functions directly on the touchscreen – allowing you to select, drag and zoom items with ease. This means you can view images instantly, giving you greater image control during procedures. Fast access to images on the Touch Screen Module paves the way for smooth, straightforward and efficient communication.

Gain flexibility with high range of movement

Zenition 30 comes with a total angulation travel of 156˚, giving you enhanced accessibility and support when positioning around challenging anatomies. The excellent C-arm depth of 73 cm gives you the confidence to accommodate wide variety of patients.

User can easily operate the system, thanks to the supple movements of the fully counterbalanced C-arm and light weight of the system.

Reduce distractions

When under challenging surgical situations, reducing technical distractions and discussions can help surgical teams remain focused on the patient. Zenition 30 draws upon proven technology to improve surgical teamwork. With Unify workflow's navigation aids, surgical teams experienced smoother interactions and less miscommunication in a usability study.

100% of physicians believe that the **Surgeon Control** will reduce their need for support from other staff[4]

98% of users believe that the **electromagnetic brakes** support an efficient workflow[2]

45% less **miscommunication** during positioning through our Unify workflow communication aids[5]

Doing business responsibly and sustainably

When you choose Philips, you are choosing a partner committed to meeting sustainability and circular economy ambitions. As a leading health technology company, our purpose is to improve people's health and well-being through meaningful innovation, positively impacting 2.5 billion lives per year by 2030.

The Zenition 30 is the result of our EcoDesign process and offers significant environmental improvements:

Product life improved by **25%**[6]

Product weight reduced by **4.6%**[6]

Parts recovery during servicing, with recycling passport available to ensure high-quality disassembly and recycling

Zenition 30 is manufactured at a **site certified** for Environmental Management (ISO14001), Occupational Health and Safety (ISO45001)

1. The X-ray dose reductions refer to specific features and will vary depending on the dose parameters selected.
2. Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 50 clinicians around the world, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.
3. Results obtained during claims substantiation study performed in February and September 2022 by Use-Lab GmbH, an independent company. Response is based on 37 clinicians around the world, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.
4. Results obtained during claims substantiation study performed in September 2022 by Use-Lab GmbH, an independent company. Response is based on 18 physicians based in US, who answered a questionnaire subsequent to a usability study with additional hands-on time with the system.
5. Results obtained during user tests performed in November 2013 by Use-Lab GmbH, an independent company. The tests involved 30 USA based clinicians (15 physicians teamed up with 15 nurses or X-ray technicians), who performed simulated procedures using Philips mobile X-ray systems in a simulated OR environment. None of them had worked with each other before.
6. Compared to predecessor product BV Endura 2.3

Few clinical images shown are from Zenition 70 and do not represent the final image quality of the Zenition 30 mobile C-arm systems.
* 510k certification pending for Zenition 30 mobile C-arm system

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