



Ziehm Solo
Superb imaging meets
versatile design



Dual-image monitor
mounted on mobile
stand
➤ 06

Intuitive touchscreen
user interface
➤ 08

High resolution thanks
to 1kx1k technology
➤ 06

Lightweight design with
compact footprint
➤ 04

Pulsed 2 kW monoblock
generator for optimal
image quality
➤ 06

Ziehm Solo. Big things come in small packages. As hospital and surgery center ORs shrink and equipment density rises, demand for imaging systems with smaller footprints is growing. With its all-in-one design, Ziehm Solo is one of the most compact and versatile C-arms for crowded treatment scenarios. Equipped with state-of-the-art imaging technology, this C-arm delivers great performance for orthopedics, traumatology, pain management and other applications. Versatile viewing options enable you to configure the unit according to your needs and local conditions. All this at a competitive price.

01 / Versatile solution for small operating rooms. Configurable to fit your needs.

→ Compact design

Ziehm Solo is one of the smallest C-arms on the market. As standard, Ziehm Solo comes with a rotating flatscreen monitor mounted on the C-arm, eliminating the need for a separate monitor cart. All functions required for image capturing, processing and archiving are integrated in the C-arm. Its compact design and easy-drive system make Ziehm Solo ideal for even the smallest ORs. As with all Ziehm Imaging C-arms, all movements are fully counterbalanced in every position, making the unit extremely convenient to use.

→ Flexible configurations

As an option, Ziehm Solo can be easily supplemented with an extra viewing station or with ceiling-mounted monitors. The Ziehm Viewing Station provides enhanced flexibility during interventions and features an additional synchronized Solo Center user interface. This allows you to conveniently operate the system from the Ziehm Viewing Station and C-arm. The optional ceiling-mounted monitors can be attached to existing ceiling support arms, giving you additional viewing options while saving space in the OR.

You are also free to combine the various configuration options as needed.



Configuration 1:

Flatscreen directly mounted on C-arm

Most compact configuration of Ziehm Solo with a high-resolution 24" dual-image monitor or alternatively 2 x 18" flatscreen monitors.



The integrated monitor is not required if the mobile stand is used with the Ziehm Viewing Station or ceiling-mounted monitors.

Configuration 2:

Ziehm Solo with Ziehm Viewing Station

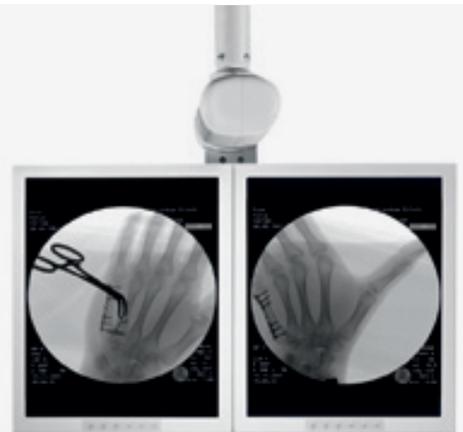
The C-arm can be easily supplemented with an extra Viewing Station featuring a 24" landscape dual-image monitor or twin 18" flatscreen monitors.



The system can be freely positioned as the Ziehm Viewing Station and C-arm interfaces are synchronized.



The integrated monitor is not required if the mobile stand is used with the Ziehm Viewing Station or ceiling-mounted monitors.



A 24" landscape dual-image monitor or 2 x 18" monitors can be attached to existing wall or ceiling support arms to increase flexibility and save OR space. (Ceiling support arm is not provided by Ziehm Imaging)

Configuration 3:

Ziehm Solo with wall- or ceiling-mounted monitors

This space-saving configuration maximizes available space in the OR.

02 / Compact C-arm with superb image quality. For a wide variety of applications.

→ High-resolution imaging

Ziehm Solo comes with a highly compact monoblock generator. It generates short, sharp pulses with up to 25 frames per second, producing crystal-clear images even if the patient is moving. This intelligent pulse technology also reduces radiation levels. The high-dynamic CCD camera is a key component in the imaging chain. With 1 k x 1 k resolution and more than 4,000 shades of gray, it helps to visualize even the smallest anatomical structures.

→ Contrast-rich visualization

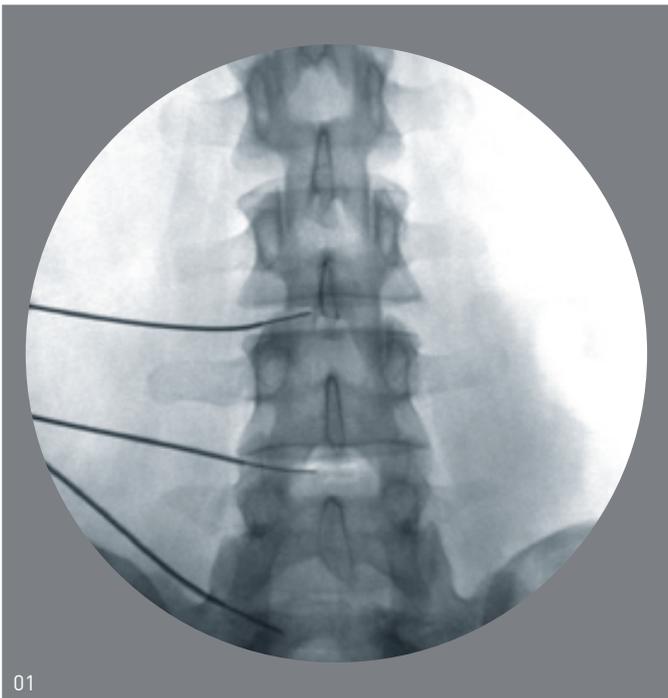
Ziehm Solo offers a variety of contrast-rich displays with high brightness and contrast. Even from a distance, the high-end monitors provide the physician with optimal insights by visualizing the finest details – from any angle.

→ Automatic adjustment

Ziehm Solo is optionally available with Object Detected Dose Control (ODDC). This function adapts all settings to the patient's anatomy. Thanks to 256 measurement cells, it automatically detects the object's position in the whole field of view and adjusts the system accordingly to always get a crystal-clear image – even if the object is not centered. It also dynamically adjusts generator output and video levels to the patient's anatomy by detecting motion and any metallic devices placed in the region of interest. Both patients and OR staff benefit from fast, superb-quality imaging and minimal dose levels.



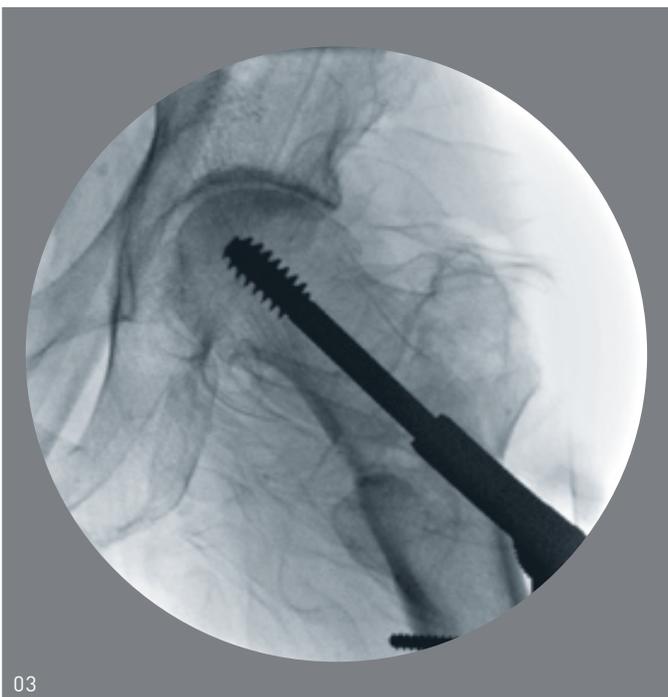
Equipped with the latest technology, Ziehm Solo is the first choice among physicians specialized in pain management (01), traumatology (02), orthopedics (03) and spinal surgery (04).



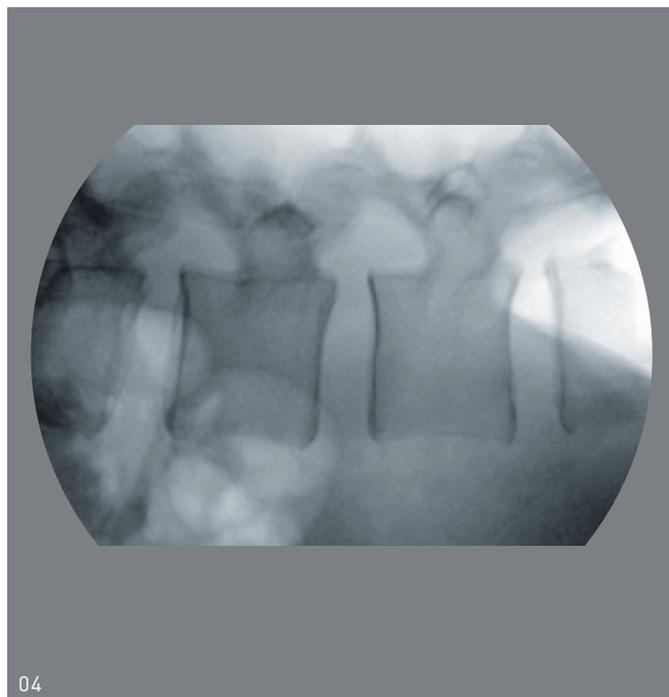
01



02



03



04

03 / New dimension in user-friendliness.

Tailored support for clinical workflows with new levels of intuitive guidance.

→ Intuitive workflow

Ziehm Solo offers an intelligent workflow that makes operating the C-arm easy and intuitive. You will benefit from synchronized touchscreens featuring clear and easy-to-follow icons. Ziehm SmartEye technology mirrors the monitor image on the touchscreen, giving the operator a live image to keep track of orientation and object position. From a shortlist of anatomical programs, the operator simply selects the desired option, and Ziehm Solo automatically adjusts the system performance to the region of interest, always ensuring the best image quality and lowest radiation levels.

→ Seamless integration

Ziehm Solo's open Ziehm NetPort interface enables easy integration into existing IT networks. X-rays saved in DICOM 3.0 format are transferred to the PACS, and patient data can be exchanged with HIS/RIS. Data can be retrieved from the monitor cart at any time. It can also be backed up to DVD or USB stick and printed on transparencies or paper.

→ Fit for the future

The graphical user interface and the open, modular software architecture ensure maximum flexibility. Ziehm Solo can be upgraded and expanded as needs change.

Features			
Footprint	0.8m ²	Ziehm Viewing Station	optional
C-arm opening	76 cm	Monitors for existing ceiling support arms	optional
1 k x 1 k technology	•	DICOM 3.0	optional
Touchscreen user interface	•	Interface to 2D navigation systems	optional
Pulsed monoblock generator with 25 pulses /s	•	WLAN	optional
24" splitscreen	standard	Printer/DVD	optional
2 x 18" screens	optional	Cineloop/DSA	optional



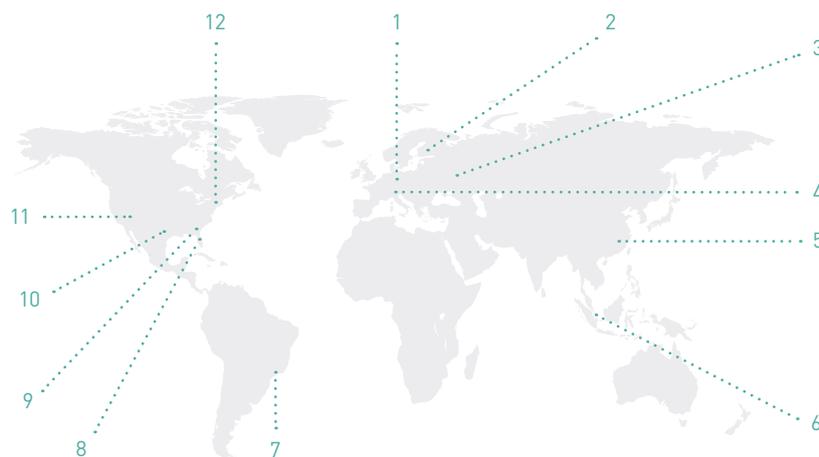
04 / Service. We make sure you get the best results from the best products.

→ Close to you

Regardless of your needs, our experts are on hand. Thanks to our worldwide network of service centers, you can always rely on Ziehm Imaging for flexible and fast service.

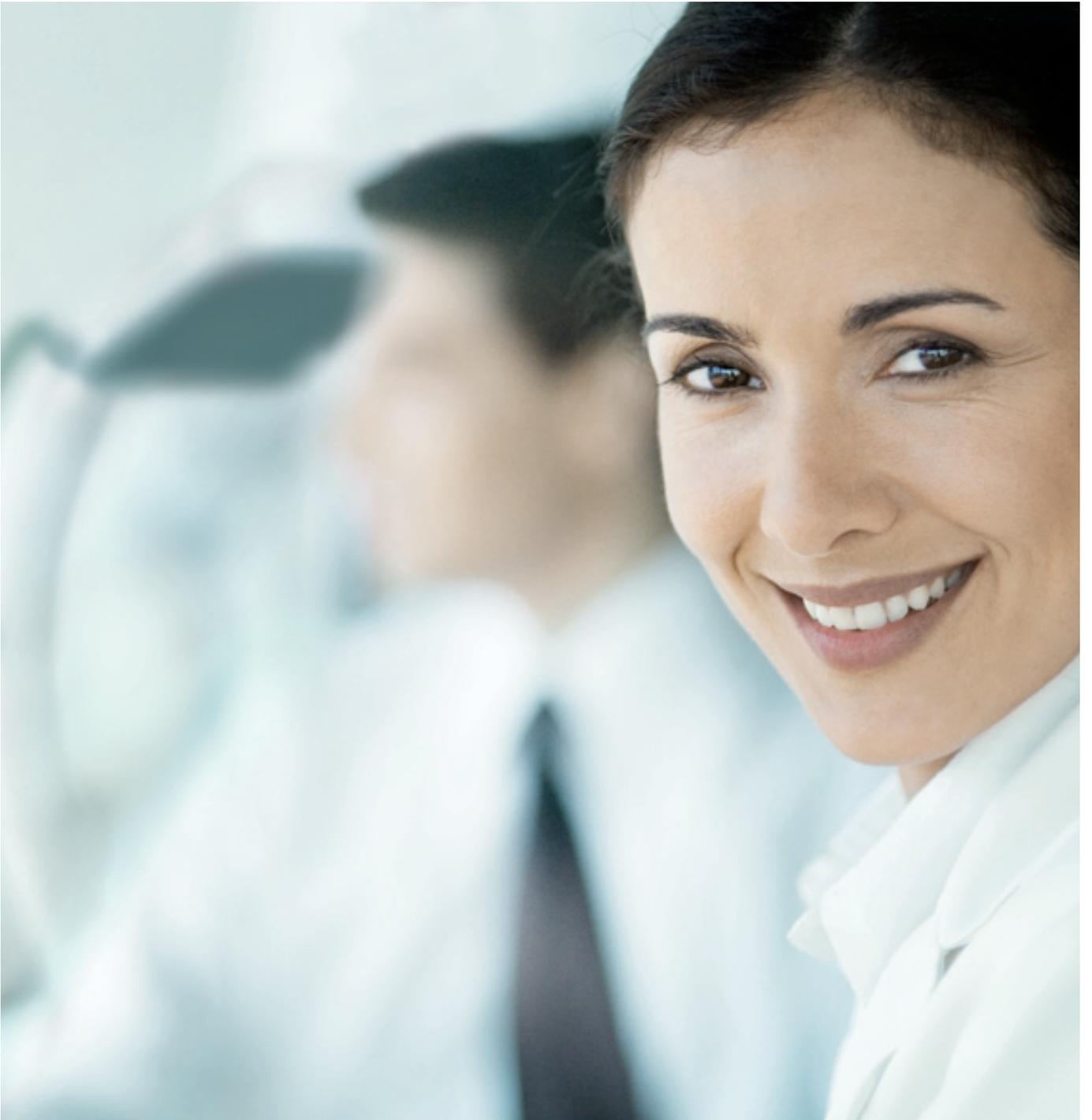
→ Keeping you at the cutting edge

With Ziehm Academy you can enhance your clinical knowledge, find out more about mobile C-arms and benefit from made-to-measure training. The courses cover the full clinical spectrum, from general operator training and technical workshops through to high-level training sessions.



Offices

- | | |
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| 2 Järvenpää (Finland) | 8 Orlando, FL (USA) |
| 3 Moscow (Russia) | 9 Greenville, SC (USA) |
| 4 Reggio Emilia (Italy) | 10 Austin, TX (USA) |
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