

Product Overview

Ziehm Solo is the first choice for small operating rooms. The single unit comprises a compact and versatile C-arm, full-size monitor and intuitive touchscreen user interface. All functions required for an optimal image acquisition, processing and archiving are integrated in the C-arm. Ziehm Solo delivers optimal fluoroscopic performance when imaging pain management, orthopedics and lithotripsy procedures. Versatile viewing options such as the separate Ziehm Viewing Station enable the physician to configure the unit according to individual requirements. A variety of options let Ziehm Solo be configured to the needs of the application it will be used for.



Ziehm Solo C-Arm

Features

- Single component design with full-size monitor mounted on C-arm
- Simple positioning around patient and table due to the Ziehm Solo's large
- C-arm free space, depth, and 135° orbital rotation and 45 degrees of overscan
- Advanced performance with state-of-the art imaging technology
- Quick and simple imaging for orthopedics, pain management and general surgical applications
- Versatile viewing capabilities – Ziehm Viewing Station or ceiling-suspended monitors (both optional)

Specifications on Next Page



Seattle Technology
3915 152nd St NE
Marysville, WA 98271
1.800.827.3747
stsurg.com

Specifications

Dimensions and Mechanics

Motor-driven vertical travel: 16,5 [42 cm]
Horizontal travel: 9 [22 cm]
Orbital rotation: -90 / +45 (9 [23 cm] I.I.)
Angulation: 225
Swiveling (panning): 10
Source-image receptor distance: 38 [97 cm]
C-arm vertical free space: 30 [76 cm]
C-arm depth: 27 [68 cm]
Width: 32 [80 cm]
Length: 68- 76.7 [173 cm - 195 cm]
Height: 69.7- 86.6 [177 cm - 220 cm]
Weight: 683 lbs [310 kg]

X-Ray Generator

X-ray tube: stationary anode
Single focus: 0.6 (IEC 336)
Max. anode heat content: 48 kHU / 34 kJ
Max. anode heat dissipation: 600 W
Generator type: monoblock 20 kHz high frequency
microprocessor-controlled
Nominal output (100 kV): 1,000 W
Maximum output: 2,000 W

Collimator system

Collimator rotation: 90
Iris collimator: 9 [23 cm] I.I.: 2-9 [50 mm-230 mm] diameter
Slot collimator: 9 [23 cm] I.I.: 2-9 [50 mm-230 mm] diameter
Virtual collimation without radiation

Specifications Continued on Next Page

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.



Seattle Technology
3915 152nd St NE
Marysville, WA 98271
1.800.827.3747
stsurg.com

Specifications

Operating Values

Continuous pulsed fluoroscopy
kV range: 40 - 110 kV 40 - 120 kV (factory option)
mA range: 0.2 - 10 mA 0.2 - 20 mA (factory option)
pulse width: 10 - 30 ms
pulse rate: 1, 2, 5, 10, 15, 30 pulses/s
Digital radiography (snapshot): kV range: 40 - 110 kV
mA: up to 20 mA
Radiography (option):
kV range: 40 - 110 kV 40 - 120 kV (factory option)
mA: up to 20 mA Filtering Total filtering: ≥ 3.9 mm Al,
including 0.1 mm Cu

Output

Pulsed fluoroscopy: up to 10 mA up to 20 mA (factory option)
Digital radiography (snapshot): up to 20 mA
Tube housing heat capacity: powered by integrated advanced heat management system
1.14 million HU system heat capacity
cooling rate 32 kHU/min

Digital Video Camera (high contrast, non-interlaced)

Active pixels: 1,048,576
Camera matrix: 1,024 x 1,024 pixels
Bandwidth of video signal: 20 MHz
Bandwidth of video amplifier: 50 MHz
Signal-to-noise ratio: 68 dB
Control: ADR / AVR

Specifications Continued on Next Page

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.



Seattle Technology
3915 152nd St NE
Marysville, WA 98271
1.800.827.3747
stsurg.com

Specifications

User Interface

Ziehm Vision Center TFT touchscreens on C-arm stand and monitor cart

Intuitive icons for easy use

Resolution: 640 x 480 pixels

Multi-lingual user interface

Ziehm SmartEye live fluoro screen

Networking

Ziehm NetPort (option): DICOM 3.0 interface (RJ45 or WLAN connection) for digital network integration

Primary Capture mode

Available DICOM Classes:

Storage Class incl. multiframe capability and Storage Commitment

Print Class

Media Class

Worklist Class incl. Modality

Performed Procedure Step (MPPS)

Query Class

Retrieve Class