



The **Ziehm Vision²** is a compact C-arm that comes with an intuitive touchscreen interface. The Monitor Cart comes with two 19 inch flat screen monitors. Vision 2 offers High-Quality imaging with low doses of exposure and a small footprint. The C-arm uses CCD cameras that can detect 4,000 shades of gray, which result in high-resolution, clear images. With its small footprint it is ideal for an operating room with a wide range of clinical applications including general surgery, and Orthopedics.

Features

- 18" TFT monitors provide bright, high contrast image with a wide viewing angle.
- Intuitive workflow with synchronized TFT touchscreens on c-arm and monitor cart.
- High resolution thanks to a dynamic CCD camera with 1 k × 1 k technology.
- Easy integration into existing networks (with WLAN option).
- Active Cooling for continuous performance during lengthy, demanding procedures.
- Counter-balanced c-arm for simplified positioning.



Specifications

Dimensions and Mechanics

Motor-driven vertical travel: 17" [43 cm]
Motor-driven horizontal travel: 9" [22 cm]
Motor-driven orbital rotation: -90° / +45°
Angulation: ± 225°
Swiveling (panning): ± 10°
Focus-image receptor distance: 40" [111 cm]
C-arm vertical free space: 35" [89.5 cm]
C-arm depth: 27" [68 cm]
Width: 32" [80 cm]
Length: 63-72" [160-182 cm]
Height: 62-79" [157.5-200.5 cm]
Brakes: Patented steering & braking lever, with parallel movement of the mobile stand in all directions

X-Ray Generator

X-ray tube: stationary anode
Single focus: 0.6 (IEC 336)
Max. anode heat content: 45 kHU / 34 kJ
Max. anode heat dissipation: 600 W
Generator type:
 monoblock
 20 kHz high frequency
 microprocessor-controlled
Operating Values:
 Nominal output (100 kV): 2,000 W
 Maximum output: 2,200 W
Pulsed fluoroscopy:
 kV range: 40-110 kV
 mA range: 0.2-20 mA
 pulse width: 10-24 ms
 pulse rate: 1, 2, 4, 8, 12.5, 25 pulses/s

Monitors

High-resolution and high-brightness twin flat-screen monitors: screen size: 18.1" (46 cm); native resolution: 1280 x 1024 pixels; viewing angle (horizontal & vertical): 170°; contrast ratio: 600:1; dimensions: 16 x 13 x 3" [41 x 34 x 7 cm]

Flat-Panel Detector System (only on FD Model)

Type: amorphous silicon photodiode TFT technology
Scintillator: cesium iodide
Field size: 8 x 8" [19.8 x 19.8 cm]
Detector matrix: 1024 x 1024 pixels; 194 µm pixel size
Dynamic range: 72 dB
System resolution: 2.4 lp/mm
Anti-scatter grid: 70 lines/cm; grid ratio 8:1
Laser positioning device integrated in the detector housing