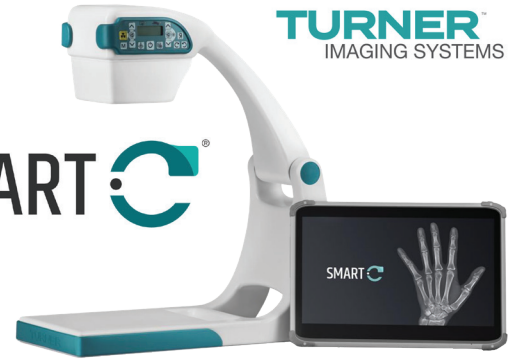


SMART C



Portable Mini C-Arm

Experience the Power of Portability

Open up your OR with a mini C-arm that is actually mini and provides the functionality of current models in the market today. Our creative design provides today's clinicians with flexible options to build a C-arm solution that fits their workspace and imaging needs. The flexibility to perform in surgery, clinics or the field. The Smart-C has it all.

The Smart-C® is designed with the following features:

- Lightweight, cordless, battery-powered system for true portability
- Sophisticated imaging algorithm for improved visualization
- Wireless, high-definition fluoroscopic imaging for radiological use
- Independent articulating arm for optimal positioning
- Ability to conserve space with a compact footprint
- Independent monitor cart allows for clear field-of-view positioning
- Ability to detach from articulating arm for independent, tabletop use

In The Clinic

In the clinic, the physician can meet, image, and treat the patient without leaving the room, enhancing the doctor-patient relationship and creating opportunities for clinical efficiency.

Procedures previously performed in the OR are now viable in the clinic. This Smart-C can be used for pre- and post-surgical imaging in the exam and patient room. This flexibility reduces the need for redundant equipment while providing faster and more cost-effective care.

In The Operating Room

In the OR, the Smart-C maximizes your operating space and provides unmatched ergonomic benefits, as the surgeon can place the Smart-C, foot switch and monitor in any location that meets their preference.

Hand, foot, and ankle surgery workflow is improved by placing the Smart-C directly on the surgical table, then placing the anatomy directly on the thin imaging detector for the duration of the surgery. This decreases surgery time by removing the need to reposition equipment or anatomy for required imaging.

The World's ONLY Hyper-Portable, Battery-Powered, and Completely Cordless Mini C-Arm



Call us for an in-office demo today
PH: 678-685-8866



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11 Public Square | Bowman, GA. 30624 | PH: 678-685-8866
www.xrayofga.com

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SPECIFICATIONS

Smart-C	
Image Receptor	CsI Scintillator on Complementary Metal Oxide Semiconductor (CMOS)
Image Receptor Pixel Array	1.5k x 1.5k
Image Receptor Pixel Size	~99µm
Field of View	Primary Collimation: 15 x 15 cm (6 x 6 in) Secondary Collimation: 10 cm (4 in) diameter
Tube Voltage Range	40 to 80 kVp
Tube Current Range	130 370 µA
Pulse Rate	10 pulses per second
Focal Spot	0.04 mm nominal
Tablet Screen	34 cm (13.3 in) diagonal 1920 x 1080 resolution Touchscreen
Live Image	20 x 20 cm (8 x 8 in)
Water Ingress	C-arm: IPX3 (spraying water) Tablet: IPX0 (not specified) Footswitch: IPX8 (immersion)
Source to Detector Distance	45 cm (17.7 in) SDD
Minimum Source to Skin	10 cm (4.0 in) SSD
C-Arm Free Space	34 cm (13.4 in) Functional SSD
C-Arm Depth of Arc	31 cm (12.2 in)
Networking	DICOM 3.0 Compliant
Wireless Security	WPA2 Encryption
Weights	C-arm & Battery: 7.2 kg (16 lb) Tablet: 1.5 kg (3.3 lb) Footswitch: 0.7 kg (1.5 lb)
FDA Cleared	Yes

Monitor Cart	
Monitor	27 in diagonal 1920 x 1080 resolution Touchscreen 725 Cd/m2
Live Image	33 x 33 cm (13 x 13 in)
Printer	Thermal, medical grade
Power	Battery Operation (>8 hrs) or 115 VAC
C-arm Battery Charge Bays	2
Keyboard	Waterproof
Weight	65 kg (143 lb)
Support Stand	
Height Adjustment Range	61 to 144 cm (24 to 57 in)
Reach	116 cm (46 in)
Horizontal Travel	218 cm (86 in)
Orbital Arc Rotation	Counterbalanced 180°
Wrist Spin Rotation	Unlimited
Weight	75 kg (165 lb)



* Optional Add-on Stands for greater positioning

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