

Portable Mini C-Arm

Experience the Power of Portability

TURNER[™]
IMAGING SYSTEMS

Introducing the

SMART

The flexibility to perform in surgery, clinics or the field. The Smart-C has it all.

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 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



**Full
Capability
True
Portability**



Call us for an in-office demo today.

1-800-385-9593

TELEVERE
SYSTEMS

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televeresystems.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 (>8hrs) 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)

Intended-use statement:

The Turner Imaging Systems Smart-C is a mini C-arm X-ray system designed to provide physicians with realtime general fluoroscopic visualization of adult and pediatric patients. It is intended to aid physicians and surgeons during diagnostic procedures, therapeutic treatment or surgical procedures of the limbs, extremities or shoulders, including, but not limited to, orthopedics and emergency medicine. The Smart-C is intended to be used on a table or other hard, flat surface. It may also be used with the optional support stand.

Follow IFU Safeguards

For complete product information, visit televeresystems.com