

BRAVO

STRAIGHT ARM SYSTEM

The Bravo Straight Arm Digital X-ray System features the motorized auto-positioning of a U-arm, at the price of a straight arm. This hybrid Straight Arm system comes fully-loaded with a 9.5" touch screen, a remote control for positioning, and a 5-year warranty. It is equipped with an LG 17x17 cassette-sized Cesium Digital X-ray Detector (DXD). LG's Advanced Workstation Software is pre-loaded on a 512GB SSD Lenovo T10 workstation with 24" touch screen LCD to provide an easy-to-use operator interface for image capture. Images are immediately available to be reviewed, manipulated and annotated before sending to external PACS or stored locally. LG AWS software provides Long-length image stitching for up to 4 images.

BRAVO Straight Arm Specifications

Power Requirement: 4 Amps @120VAC
2 Amps, 200~240VAC, 50/60HZ

Source to Image: 40~72" [Continuously Adjustable]

Arm Rotation Angle: -30°~120°

Motorized Vertical Travel: 3500 - 1680mm

9.5" Touch Screen Display:

- Displays SID and Angle of Rotation
- APR position
- Calibration mode

Dimensions: 51"(W), 80"(H), X 41"(D)

Weight: 332 KGs

Detector Tilting: ±45°

Operation: Remote Control with Exam Specific Pre-sets

Movement: Bucky, Touch Panel Console and Remote Control

Dual-Speed Motorized Movement

- Source to Image Movement[SID]
- Arm Elevation Movement
- Rotation of Arm

X-ray Tube

- 125 kV capable
- Focal Spots: 0.6,1.5
- Anode Heat Capacity: 200 kHu

Collimator

- Model: Collimare
- Light source: White LED light
- Light source can be controlled by push button
- Laser light for precise alignment
- Bright red laser crosshairs
- Rotation: ±45°
- Maximum kV: 150
- Shutters: Multi-layer; 4 pairs of shutters in 2 layers

Grid

- Materials: Carbon-Interspaced with Carbon-Fiber
- Dimension: 470 x 470 cm
- Ratio: 10 : 1
- Focal Distance: SID 130



High Frequency X-ray Generator

- CPI CMP200DR
- 40 kW
- Up to 400 kHz switching frequency
- Mini Console & Hand Switch
- 125kV, 500mA capable

Input Power Options (please confirm at time of order):

- 1phase: 208V
- 3phase: 208V or 480V

Automatic Calibration

GenWare Service tool

Tube Protection Circuitry

Integrated service software assists in calibration and service

Self-diagnostic circuitry with error code recording for fast trouble shooting



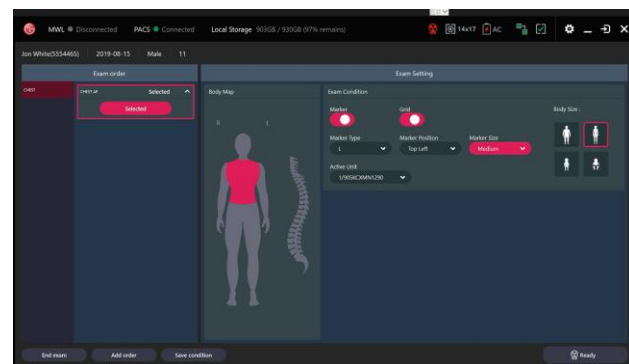
LG 17x17 Wired Cesium DR System, includes:

- 140µm (micron) pixel pitch, 16-bit dynamic range
- Direct deposition CsI for excellent image quality
- High resolution 3052 x 3052 (9.3MP) pixel matrix
- Automatic Exposure Detection (AED)
- 3 Line Pair (lp/mm) image resolution at 3cy/mm
- 43cm x 43cm (17x17") active image area
- Cassette-sized detector fits in conventional Bucky trays
- Image Transfer Unit with 7m wired cable & power supply



LG DR - Premium Digital X-ray image acquisition system

- Lenovo Tiny in One (TIO) workstation
- 24" Multi-touch LCD
- 512GB SSD
- 8GB RAM
- Intel Core i5 Processor
- Windows 10 Pro 64-bit
- Keyboard & mouse
- No internal CD/DVD Rom
- External USB CD/DVD ROM can be added



Optional Configurations

Exam Table

- Dimensions: 1970 x 728 x 700mm

AEC

- Claymount ICX2122B
- Number of measuring fields: 3
- kV Range: 40 - 150 kV
- Exposure Time range: 1ms - 5s
- Weight: 950g

**Also includes AEC interface board on the CPI CMP200DR x-ray generator

*Alternative X-ray Generators from CPI Available

*Alternative X-ray Tubes Available

Technical Drawings:

