

Flat Panel Technical Specifications

1.1.1 1717TC Flat Panel Detector			
Parameter	Specifications	Unit	
Sensor Type	Amorphous Silicon with TFT (Single panel)	-	
Scintillator Type	1717TC - CsI:TI	-	
Total Pixel Matrix	3072 x 3072	Pixels	
Total Pixel Area	427 X 427	mm	
Pixel Pitch	139	µm	
A/D Conversion	16	bits	
Data Transfer	Ethernet 1 Gbps	-	
Preview time	≤3	sec	
Dimension	460 X 460 X 15	mm	
Weight	≤4.0	Kg	
Window material	Carbon fiber	-	
Trigger mode	AED/Prep/Software		
Power consumption	25	W	

1.1.3 Cables			
Cable	Length	Unit	Qty
Link cable	7	m	1
LAN cable (CAT 6(direct))	10	m	1
Power cord (110V or 220V)	1.8	m	1
Trigger cable (Optional)	10	m	1

#	Item Description:
1	X-Ray System: 30 KW, 400 mA, 125 KVp High Frequency
	Generator Specifications:
	<ul style="list-style-type: none"> • Spectra 30HF AP High Frequency generator • 30 kW rating • KVp range: 40 to 125 KV (1 KV increment) • mAs range: 0.5 to 400 mAs • mA range: 50 to 300, 6 stations • Safety features include: <ul style="list-style-type: none"> • X-ray tube protection • Power on diagnosis • Automatic "out-of-range" protection for power, tube, • Exposure and trigger • Audible and visible exposure signal
	Required Power Source:
	<ul style="list-style-type: none"> • Power source: 208-229 VAC, 1-phase, 100 Amp (dedicated) • 1 Phase, 240 VAC, 100 Amp • 1 Phase, 208 VAC, 125 Amp *if not available, it is clinics responsibility/cost to have their electrician provide required power source. • 20-foot high-voltage cable • Electrical Power Source is minimum AC Phase 1 (60 Hz) • No battery operated generator allowed
	System Specifications:
	<ul style="list-style-type: none"> • Easy to use operator console • One, two or three point technique selection • Power cabinet with auxiliary power supply • Integrated service software assists in calibration and service • Self-diagnostic circuitry for fast troubleshooting
	Tubestand/Collimator Specifications:
	<ul style="list-style-type: none"> • Vertical column with tube support and operator controls • 10" angulating tube arm • 6' longitudinal floor and ceiling rail set • ±180° tube rotation around the horizontal axis • Membrane console with KV, mAs, mA and msec display • 40" shooting distance from front of sensor to collimator/tubestand center • Calibrated image size for high measurement tool accuracy • Pre-programmed and reconfigurable exposure chart • Certified 150 KV manual collimator with light field • X-ray tube: 0.6/1.5 mm focal spot, 200,000 HU • Control buttons for locks

#	Item Description:	
2	Capture/Acquisition Workstation	
	Computer Specifications:	
	• Computer, 8 GB DDR3 RAM	
	• 1 HD Solid State (512GB) + SATA HD (1TB)	
	• Windows 10 Professional	
	• 2 network interface cards (10/100/1000)	
	• CD/DVD write/read	
	• Wired Internet connection to ChiroSight computer is required	
	Monitor Specifications:	
	• 2 megapixel monitor (1920 x 1080 resolution)	
• 27" Full HD size		
• 200 cd/m2 luminance, 8,000,000:1 dynamic contrast		
• Desktop mount		
3	ChiroSight Capture Software License (Capture/Acquisition Workstation)	
	Specifications:	
	• Image acquisition with emergency & workflow modes	
	• Image processing with anatomy optimization	
	• DICOM diagnostic quality	
	• Integrated with many EHR software systems	
• Includes DICOM Server software (Query/Retrieve capability)		
4	ChiroSight Diagnostic Software Licenses (non cumulative)	
	Specifications:	
	• Chiropractic Power Tools - for measurements/line drawings/annotations	
	• Optimized for touchscreen and mouse/keyboard operation	
	• Image viewer with image contrast, measurement tools, annotations	
	• Report of Findings (ROF) Software Tool for customizable x-ray reports	
	• Image stitching to connect views for full spine	
	• Quick search/retrieve in both emergency and workflow modes	
	• Image import/export in BMP, JPEG, TF, GIF, DICOM	
	• DICOM send to external DICOM servers	
• Copy x-ray images & annotations to CD/DVD, and print-ready capabilities		
5	Warranty and Service Package Selection See 'Warranty and Services Programs' Table attached.	
6	Third Party Manufacturer's warranty on PC/monitor equipment	

Notes:

- 1 * Special shipping charges may apply for shipments in remote locations or for rapid delivery requests.
- 2 **Additional installation charges may apply for any custom requirements at the Purchaser's clinic site.
- 3 Installation does not include site preparation for leading of walls, electrical issues or any other site upgrades and will be the responsibility of the Purchaser. Installation to occur only on prepared sites. Purchaser to complete a ChiroSight site survey form and provide completed form to Biokinometrics and its designated dealership personnel and/or the regional installer. Installer contracted directly to clinic.
- 4 Purchaser must employ their own electricians and contractors of any discipline for any electrical, wall leading or other site modifications. Should the Purchaser not have a designated electrician or contractor, the regional installer may be able to assign one – additional administration charges may apply.

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Warranty for Biokinometrics Products:

BIOK Flat Panel Detector includes: 6 Year Basic Hardware & Software Support Included; 1 Year Premium Software & Support Subscription included.

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Warranty for Other Manufacturers' Products:

PC manufacturer provides a 3-year parts warranty from the date of receipt by the Purchaser. Warranty for the X-ray tube and generator are covered directly by the manufacturer as per quote.

Possible Accessories that client may consider purchasing from third party vendor:

- Caliper (to measure patient)
- Small tape measure (to affix to x-ray source to measure distance 40" for extremities)
- Wooden or metal step stool (for extremity images)
- Wooden dowel & holder (for extremity images)
- Floor Mat (for extremity images)
- Battery Back-up/Surge Protector for PC

Client may cancel this order anytime without penalty prior to deposit or shipping.
I, the undersigned, agree to all of the pricing, terms and conditions of this quotation.

Title: _____

Date: _____