

Barco Medical Displays

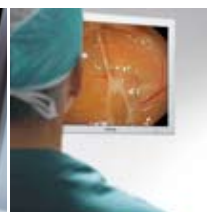
A comprehensive range of displays for all medical applications



Diagnostic imaging







Digital mammography








Surgical displays



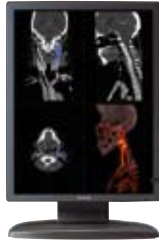
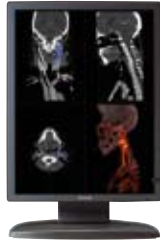




Clinical imaging



					
SPECIFICATIONS	Nio 2MP	Nio 3MP	Nio 5MP	Nio Color 2MP	Nio Color 3MP
Resolution	1600 x 1200	2048 x 1536	2560 x 2048	1600 x 1200	2048 x 1536
Screen size (diagonal)	21.3"	20.8"	21.3"	20.1"	20.8"
Color / grayscale	grayscale	grayscale	grayscale	color	color
Contrast ratio (typical)	700:1	900:1	800:1	700:1	400:1
Luminance (calibrated - max.)	500 - 900 cd/m ²	500 - 1000 cd/m ²	500 - 700 cd/m ²	180 - 250 cd/m ²	230 - 400 cd/m ²
MediCal QAWeb	✓	✓	✓	✓	✓
Fusion	-	-	-	-	-
I-Guard	-	-	-	-	-
Ambient Light Compensation	-	-	-	-	-
Uniform Luminance Technology	-	-	-	-	-
Diagnostic Luminance	-	-	-	-	-
Protective glass cover	✓	✓	✓	-	✓
Standard 5-year warranty	✓	✓	✓	✓	✓

	DIGITAL MAMMO DISPLAYS		SURGICAL DISPLAYS		
					
SPECIFICATIONS	Coronis 5MP	Coronis 5MP Mammo	HD-42	HD-47	MDSC-1119
Resolution	2560 x 2048	2560 x 2048	1920 x 1080	1920 x 1080	1280 x 1024
Screen size (diagonal)	21.3"	21.3"	42"	47"	19"
Color / grayscale	grayscale	grayscale	color	color	color
Contrast ratio (typical)	800:1	900:1	1000:1	1000:1	700:1
Luminance (calibrated - typ.)	500 - 700 cd/m ²	600 - 800 cd/m ²	500 cd/m ² (typ.)	500 cd/m ² (typ.)	300 cd/m ² (typ.)
MediCal QAWeb	✓	✓	-	-	-
Fusion	-	-	-	-	-
I-Guard	✓	✓	-	-	-
Ambient Light Compensation	-	-	✓	✓	-
Uniform Luminance Technology	-	✓ (PPU)	-	-	-
Diagnostic Luminance	-	-	-	-	-
Protective glass cover	✓	✓	✓	✓	✓
Standard 5-year warranty	✓	✓	-	-	-

GNOSTIC DISPLAYS

					
Coronis 2MP	Coronis 3MP	Coronis Color 2MP	Coronis Color 3MP DL	Nio Fusion 4MP	Coronis Fusion 6MP DL
1600 x 1200	2048 x 1536	1600 x 1200	2048 x 1536	2560 x 1600	3280 x 2048
21.3"	20.8"	21.3"	20.8"	30"	30.4"
grayscale	grayscale	color	color	color	color
700:1	900:1	500:1	400:1	600:1	800:1
500 - 900 cd/m ²	500 - 1000 cd/m ²	220 - 400 cd/m ²	500 - 800 cd/m ²	200 - 370 cd/m ²	500 - 800 cd/m ²
✓	✓	✓	✓	✓	✓
-	-	-	-	✓	✓
✓	✓	✓	✓	-	✓
✓	✓	✓	✓	-	✓
✓	✓	✓	✓	-	✓
-	-	-	✓	-	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓

CLINICAL IMAGING DISPLAYS

	
MDSC-2124	MFCD-1219
1920 x 1200	1280 x 1024
24"	19"
color	color
1000:1	800:1
500 cd/m ² (typ.)	270 cd/m ² (typ.)
-	-
-	-
-	-
-	-
-	-
-	-
✓	-
-	-

Product matrix

Display Monitor		Display Controller								
		BarcoMed Nio		BarcoMed Coronis		BarcoMed 5MP2FH		MXRT 2100	MXRT 5100	MXRT 7100
		PCI 64	PCIe x4	PCI 64	PCIe x4	PCI 64	PCIe x4	PCIe x16	PCIe x16	PCIe x16
DIAGNOSTIC DISPLAYS										
GRAYSCALE	Nio 2MP	✓	✓					✓	✓	✓
	Nio 3MP	✓	✓					✓	✓	✓
	Nio 5MP	✓	✓					✓	✓	✓
COLOR	Nio Color 2MP							✓	✓	✓
	Nio Color 3MP							✓	✓	✓
	Nio Fusion 4MP							✓	✓	✓
GRAYSCALE	Coronis 2MP			✓	✓			✓	✓	✓
	Coronis 3MP			✓	✓			✓	✓	✓
COLOR	Coronis Color 2MP							✓	✓	✓
	Coronis Color 3MP							✓	✓	✓
	Coronis Fusion 6MP							✓	✓	✓
DIGITAL MAMMO DISPLAYS										
GRAYSCALE	Coronis 5MP			✓	✓				✓	✓
	Coronis 5MP Mammo					✓	✓			

✓ = Current bundles
 ✓ = Option

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Standard on all Barco diagnostic displays

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Technical specifications are subject to change without prior notice.

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