



Screen size	20"
Display dots	1600 * 1200
High sped responce	8 msec
Display Device:	TFT panel UXGA
Contrast ration:	1000:1
Brightness:	300cd/m2
External power supply (Medical approved)	100-120V/220-240v AC
Monitor Input:	DVI, S-video, VGA, Component video (YPbPr): SDI optional

Medico approved HD monitor

- Apgar Medico monitors are designed to secure outstanding picture quality and innovative features required by the next generation of medical images generating tools.
- It includes the Digital Natural Expression (DNX™) technology.
- This dramatically enhances the quality of the images by combining multiple picture processing technologies to deliver clear, natural-looking and high-definition images. DNX technology combines sophisticated digital image processing techniques such as advanced scaling, motion adaptive deinterlacing, noise reduction, dynamic edge enhancement, and smoothing of moving lines to deliver a lifelike picture.
- The Apgar Medico monitor uses two internal scalers, an internal high performance ADC for RGB input, video decoder and an onboard DVI receiver.
- Adjustments of the monitor is done using a IR remote control. All settings are saved when adjusted. 3 individual user settings can be stored within the monitor.
- Color calibration is done to a reference setup, but can be done to match the medical instrument with which the monitor is to be used.

Image data:	
Resolution:	1600x1200.
Picture area:	432mm x 324mm
Full 8 bit color pallet	Supportet
Viewing angle: (contrast ratio >10)	89deg from center
Contrast ration:	1000:1
Brightness:	300cd/m2
External power supply (Medical approved)	ok
Image Input:	
DVI-I:	
DVI-D and SDI	
• Resolution:	Up to UXGA - 1600x1200@65Hz
• Pixel frequency:	Up to 162MHz
• Applications:	TFT , LCD, PDP and Rear Projection TV
DVI-A	
• Resolution:	UXGA, 1600x1200 @65Hz
• Pixel frequency:	Up to 162MHz
• Level (nominal):	Analog 0.7Vp-p
• Level (maximum):	2.0Vp-p
• Impedance:	75Ω
• Horizontal frequency:	15kHz-100kHz 30Hz-100Hz (up to 1280x1024)
• Vertical frequency:	30Hz-65Hz (up to 1600x1200)
• Sync on green:	-2V - +5V
• Separate H- and V-sync:	0V - +5V
VGA:	
• Resolution:	UXGA, 1600x1200 @65Hz
• Pixel frequency:	Up to 162MHz
• Level (nominal):	Analog 0.7Vp-p
• Level (maximum):	
2.0Vp-p	
• Impedance:	75Ω
• Horizontal frequency:	30Hz-100Hz (up to 1280x1024) 30Hz-65Hz (up to 1600x1200)
• Sync on green:	-2V - +5V
• Separate H- and V-sync:	0V - +5V
Composite video:	
• PAL/NTSC/SECAM and all sub standards	Supportet
S-video:	
• PAL/NTSC/SECAM and all sub standards	Supportet
Component video (YPbPr):	
•SDI	Option