

# Technical specification of Ultrasound machine with single probe

Purchaser: Tulsipur Sub Metropolitan city, Tulsipur , dang

Medical equipment: Ultrasound machine with single probe

Quantity: 1 units



S.N	Office requirement	Compliance on each parameter with detailed substantiation how the offered product meet the requirement	Remarks , if any
1.	Ultrasound machine with single probe	<ol style="list-style-type: none"> <li>1. It shall operate on mains AC supply</li> <li>2. Full digital Beam forming technology</li> <li>3. Powerful measurement &amp; circulation software packages</li> <li>4. 8- segments of TGC adjustment</li> <li>5. 12.1 inch LCD monitor</li> <li>6. Net weight up to 7.0kg</li> <li>7. Wide application: Abdomen,OB/GYN , Urology, Cardiology, etc.</li> <li>8. OB report page can be generated and printed</li> <li>9. Permanent function of image store</li> </ol>	
2.	System configuration	<ol style="list-style-type: none"> <li>1. System shall come with main unit, 1 probe, 1 unit of black and white video thermal printer and ultrasound gel warmer. 1 unit</li> </ol>	
3.	Scanning mode	<ol style="list-style-type: none"> <li>1. Convex, Linear, Trans - Vaginal</li> </ol>	
4	Display mode	<ol style="list-style-type: none"> <li>1. B, B+B, B+M, M, 4B</li> </ol>	
5	Scanning depth	240 mm	
6	Cine loop	256	
7	Body marks	44	
8	Image conversion	Up/down, Left/right, black/white,	
9	Image	<ol style="list-style-type: none"> <li>1. Freeze/ Unfreeze</li> </ol> <p>Gama correction, edge enhancement of image post processing</p>	

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		2. 2 probe connectors Angle change Frame correlation	
10	User Training	1. Must provide user training (including how to use and maintain the equipment)	
11	Warranty	1. Comprehensive warrantfor 2 years after acceptance	
12	Installation and Commissioning	1. The beader must arrange for the equipment to be installed by certified or qualified personnel : any perquisites for installation to be communicated to the purchaser in advanced , in detail	
13	Documentati on	1. User operating manual in English 2. Service (Technical/ Maintenance) manual in English 3. Certificate of calibration and inspection from factory	

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