

Sample Ultrasound machine Comparison Template

Please add Criticality weightage as per your requirement- Must Have (2) & Desirable (1)

	Features for Comparison	Criticality Must have/ Desirable	Options	Machine Score (On a scale of 1-5)			Weighted score		
				1	2	3			
A	CLINICAL IMAGING APPLICATIONS								
1	Abdominal	2	Yes/No	5	3	2	10	6	4
2	Vascular and volumetric application	2	Yes/No						
3	Urology		Yes/No						
4	Superficial		Yes/No						
5	Obstetrical		Yes/No						
6	Gynecology		Yes/No						
7	Breast		Yes/No						
8	Small parts		Yes/No						
9	Cardiac for adult	1	Yes/No	3	2	2	3	2	2
10	Cardiac for pediatric	1	Yes/No						
11	Orthopedic		Yes/No						
12	Musculoskeletal		Yes/No						
B	PROBES/ TRANSDUCERS								
1	Linear array for small parts, Breast, Vascular, Orthopedics		Yes/No						
2	Curved array - Abdomen, Obstetrics, Gynecology, Pelvis.		Yes/No						
3	Sector array		Yes/No						
4	Transvaginal probe		Yes/No						
5	Tranrectal probe		Yes/No						
6	Adult cardiac probe		Yes/No						
7	Pediatric cardiac probe		Yes/No						
C	TECHNICAL FEATURES		Pick List						
1	Volume Contrast Imaging		Yes/No						
2	Anatomical M Mode		Yes/No						
3	Color M Mode		Yes/No						
4	Adaptive Color doppler		Yes/No						
5	Automated documentation		Yes/No						
6	Image capabilities		2D/3D/4D/ All						
7	Colour flow Doppler Imaging		Yes/No						
8	Pulse Wave Doppler		Yes/No						
9	Continous Wave Doppler		Yes/No						
10	Tissue Doppler		Yes/No						
11	Tissue Harmonic Imaging		Yes/No						
12	High Q automated doppler analysis		Yes/No						
13	Cine view/ memory		Yes/No						
14	Color Power Angio		Yes/No						
15	DICOM network		Yes/No						
16	DICOM structured reporting		Yes/No						
17	Black & White printer – photo like thermal printer		Yes/No						
18	Color printer for 3D/4D / Cardiac application		Yes/No						
19	Memory storage of images		30/50/100/other						
20	Clip store capacity		Yes/No						
21	Pictogram		Yes/No						

D	ULTRASOUND MACHINE TYPE		Table top/Portable						
E	GENERAL FEATURES								
1	Screen Display size		10.4"/12.1" /15"						
2	Dimensions								
	- Length		...cms						
	- Width		...cms						
	- Height		...cms						
	- Weight	kgs/lbs						
3	Key pad		Yes/No						
4	Touch screen		Yes/No						
5	Power supply		115/240 volts						
6	Battery supply		Yes/No						
7	Reporting through printer		Available/Not-available						
8	Monitor screen		LCD/TFT						
9	Monitor tilt range		Yes/No						
10	Monitor rotation		Yes/No						
F	OTHER SPECIAL FEATURES								
1	Integrated gel warmer		Yes/No						
2	Software version and updates?		Yes/No						
3	High Definition Zoom		Yes/No						
4	Peripheral devices		Printer/Recorder/USB/ CD/ Others						
5	Connectivity data transfer		CD/USP/other						
6	Wireless connectivity		Yes/No						
G	AFTER SALES SUPPORT								
H	PRICE								
	Total Score						***	***	***

Note: Feel free to add any other parameters you think is important for you.

Format preped by PrimedeQ -
only as suggestion