

FILE No. DCEO/GeM/AVM/

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Major category : Medical Equipment and Accessories and Supplies -UNSPSC - 42000000

Sub Category : Medical diagnostic imaging and nuclear medicine products - UNSPSC Code - 42200000

: Medical ultrasound and doppler and echo imaging products - UNSPSC Code - 42201700

Ultrasound machine with colour doppler (Portable) with intergerated trolley : UNSPSC Code - 42201725 (Temp)

S.No.	Parameters	Grouping		Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Golden	Validation	Whether Filter Required	Priority	Unit	
1	Purpose	P	E	It is used to display blood flow information and doppler spectral analysis and suitable for abdominal, Obs./Gynae, small parts, Vascular, Musculoskeletal, Anaesthesia and Emergency applications in adults & paediatric patients											
2	Ultrasound machine should be a portable standalone system integrated on a light weight mobile cart/trolley	P	E	Yes											
3	The system should be a color doppler examinations feature	P	E	Yes											
4	Design feature	P	E	Compact, lightweight and portable unit & must be sturdy material design which able to withstand accidental hits/fails during transportation											
5	Pre Sets	P	E	Multiple preloaded as well as user configurable application presets are available											
6	Imaging Mode	P	E	High resolution 2D, Real time 3D (4D), M-mode, Color Doppler imaging, spectral wave/pulsed wave, Power Doppler imaging, Duplex & Triplex imaging modex, Anatomical M-mode, Color M-mode, Pulse Wave and Continuous Wave doppler, Steerable Continuous Wave doppler.											
7	Measurement for 2D mode	P	E	Multiple distances, area and volume											
8	Measurements for Doppler modes	P	E	Stenosis quantificatrion in percentage, diameter, PVS, EDV, Mean, PI, RI, Floor volume, acceleration time and Index. Automatic and manual measurements and display of pulsed Doppler calculations should be possible											
9	Controls for 2D Mode	P	E	Total gain, depth, TCG, dynamic range, acoustic power output											
10	Controls for color doppler	P	E	PRf. color gain, position & size of ROI, steering of ROI, Clor maps, color invert											

