

Item No.1) Specifications of skin graft mesher with reversible ratchet handle:-

Mesher capable of transforming a skin graft into an efficient graft providing an increased area coverage. Aluminum base holding two-inclined plates, front and rear plate. Reversible ratchet handle. No carrier.

Expansion ratio 1 : 2 ; 1:3 ; 1:4

Item No.2) Power drill and power set specifications

Core console to operate two hand pieces simultaneously.

Integrated irrigation pump with flow rate control

Colour touch screen display, easily accessible user favorite's button, on-screen help.

Footswitch, Software controlled

Core micro drill high speed; approx 75000 rpm.

Lubrication free

Straight reducer

Medium straight attachment

Medium angle attachment

Medium irrigation clip

Angle attachment

Long straight attachment

Irrigation long clip

Universal Driver capable of pin and wire driving, sawing, drilling, tunneling and reaming.

Approx 1500 rpms. Forward and reverse operation.

TPS connecting cord

Wire collect

Drill attachment

Jacobs chuck

Core Sagital saw

Core oscillating saw

Core single hand-piece cassette

Core reciprocating saw

Oscillating saw blade

Reciprocating saw blade

Sagital saw blade

Burrs for medium attachment

Burrs for long attachment




Item No.3) Specifications of Operating Microscope

Magnification	Microscope should have zoom 6:1, motorized
Working distance	Variable working distance range of more than 260mm, motorized, manual or via autofocus; adjustable speed
Focusing	Motorized as well as manual via multifocal lens
Eye piece	Wide-field eyepiece for spectacles wearers 10X or 12.5X
Objective	Multifocal 200 mm- 500 mm or not less than 260mm working distance
Illumination	180 W Xenon lamp through fiber optic cable
Control unit	Graphic LCD display with background lighting, menu with about 10 user defined setting
Binocular tube	Variable angle of observation with focal length =170mm or 200 mm adjustable inter-pupillary distance, 0-180 ⁰ or 30 ⁰ -150 ⁰ binocular tubes for main surgeon
Range of magnification	1.2x -12.8x with 10x eye piece
Field of view	16.5mm -180mm with 10x eyepiece
Automatic Iris Control or Autoiris	To automatically limit brightness
Hand grips	Controls for microscope zoom adjustment, controls for variable working distance & focus via multifocal lens, programmable buttons.
Safety features	All cables should be integrated in the stand for protection Should have two completely independent 180w Xenon arc lamp illumination systems with two separate power supplies. Should have automatic working distance controlled light intensity to avoid tissue burn. Should have automatic magnification controlled illumination.
Face to face attachment or 180 ⁰ opposite side	Main surgeon and assistant surgeon should get equal 80% total view. Accessories
Side observer or 90 ⁰ with main surgeon	Assistant surgeon at side should get at least 40% of total view. Accessories.
	Should have side observer tube;
	Should have colour CCD camera with monitor;
	Should have good recording systems

Item No .4) Specifications of Negative pressure wound therapy:-

Negative pressure wound therapy (NPWT)/ Vacuum assisted closure (VAC) Device
By application of sub atmospheric pressure.


(Prof. S. Sekharjit Singh) 19/12/19
Director,
Regional Institute of Medical Sciences,
Imphal