

ROCKWOOD LED LIGHT SOURCE

Technical Parameters

- Key Features
 - 4" large touch screen display
- Intelligent user interface with quick surgery mode
 - Quick surgery modes (ENT-ARTH-LAP)
 - Smart Intensity control {1% ~ 100%}.
 - 120W ultra bright led light
- PWM with smart microprocessor :
- Up key to increase the intensity by MCU(micro control unit)
- DOWN key to decrease the intensity by MCU(micro control unit)
- Sleep Mode with resume mode (led intensity reduced directly to 2% can be resumed to last working mode).
- This saves the power by 90 %
- LED working hours and led working temperature saves the crucial part of the light source
- Advance MCU constantly monitors led power and brings it into safe range
- STROZ fiber compatibility for FO cables

SMART USER INTERFACE



FIBRE COMPATIBILITY



- Powe Mode (SMPS): switching mode power supply
- Time with working operation with memory
- Buzzer feature .
- Free Input voltage 110V~240V 50 Hz
- Light suitable of dignostic and general surgery both.
- Working temperature : 10 ~ 70 degree
- Dual fuse protected circuit
- 3X - Turbo cooling fan
- Power Consumption is less as Compared to halogen and xenon light source
- LOW HEAT: as compared to xenon or halogen bulbs
- Dimnesions:- WXHXD 360mm x 130mm x 370mm
- Weight: 5kg approx



DIGITAL COLD LED LIGHT SOURCE

Product Introduction

MEDITRAX EQUIPMENTS proud to introduce the state of art rigid and advance micro controller <PWM> based digital cold led light source with 4 " touch lcd screen with smart and easy to use user interface, equipped with Ultra bright 120 watts(LED from Germany) PLPO (Peak light power output). 4 years of our hard work and research from our strong R&D team, we develop this product. Low maintains and compatible with every OPD, diagnostic and surgery, this light source can be use for head light, sinoscope, laproscope. It gives 98% light at the tip of endoscope to see crisp and clear picture. This product is completely made in India so no need to worry about after sales

- **LED : 120W** power LED from Germany with lens for more light density and focused beam.
- **4" touch display:-** Touch screen display allow the user to take advantage of the smart user interface with quick surgery modes.
- **True White Balance :-** (TWB) A perfect blend of white and yellow light emitting the right colour temperature of day light to reproduce original colors from the camera systems.
- **Quick surgery modes:-** quick surgery modes helps the surgen to use the appropriate amount of light for the longer life of the light source, fiber cable and the scope and also gives the perfect sharp & bright image.
- **POWER SEGMENT :-** designed from UL listed components and safe to use. output section completely isolated from the input 220V **through octocoupler (prevents the high voltage to affect the internal circuit).**
- **TEMPERATURE-** Temp. feed-back allows the smart mico control unit (MCU) brain to manage the power of led for longer life and protect the led from heat damage.
- **SLEEP MODE:- 5000T** comes with the extra feature of sleep mode with which user can minimize the power usage when not in use and resume the intensity at last working step.This allows the user to reduce the power consumption when not in use with out turning OFF light source.

OTHER LIGHT SOURCE MODELS



LS-6000T
120 W



LS-80L
80 W

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Mfg: Of LED cold Light Source, Laparoscope, Endoscope,
Colposcope Cameras, Patient Monitors & All type of Medical probes (Leads)

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LS-1200
100 W