

MTX WS 900 MARK II

INDIA's 1st ADVANCED TREATMENT UNIT

PRECISION
HYGIENE
EFFICIENCY

Technical Specification

Camera System (Upgradable to 4K System)

- ✎ Sensor - 1/3" CCD sensor
- ✎ Sensor Resolution - 1200 TV lines hi-resolution
- ✎ White balance - Yes (by pressing key)
- ✎ Signal to Noise Ratio - 52db
- ✎ Sensitivity - 0.2 lux
- ✎ Electronic Shutter
- ✎ Speed - 1/25~1/100000+ auto
- ✎ Back light control - Yes (auto)
- ✎ R>G>B gain control - Yes (factory setting)
- ✎ Anti glair - yes
- ✎ Ir protection - Yes (by IR cut filter)
- ✎ Lens mount - C/Cs mount
- ✎ Cable - 2.8 meters

SUCTION SYSTEM

- ✎ SUCTION FLOW RATE: ≥ 55 L/MIN
- ✎ MAX VACUUM: -90 TO -98 KPA
- ✎ SECRETION JAR CAPACITY: 1.2LSEALED CANISTER
- ✎ NOISE LEVEL: ≤ 42 DB

COMPRESSED AIR /SPRAY

- ✎ FREEFLOW AIRFLOW: ≥ 21 L/MIN
- ✎ ADJUSTABLE AIR PRESSURE CONTROL
- ✎ SUPPORTS MEDICATIONS/ DIAGNOSTIC SPRAY NOZZLES

BUILD & STRUCTURE

- ✎ BODY MATERIAL: POWDER-COATED MEDICAL STEEL
- ✎ WORKTOP: ANTI-BACTERIAL, CHEMICAL-RESISTANT SURFACE



LIGHTSOURCE (80W - 180W Configurable)

- LED ILLUMINATION OUTPUT: $\geq 180,000$ LUX
- COLOR TEMPERATURE: 5500-6000 K
- 10-STEP BRIGHTNESS CONTROL

POWER & ELECTRICAL

- ✎ INPUTVOLTAGE: 230V AC, 50/60 HZ
- ✎ POWER CONSUMPTION: ≤ 600 W
- ✎ Built-in Overload & Thermal Protection System

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Product Introduction

The **MEDITRAX WS 900 ENT WORKSTATION** is engineered to deliver a seamless, efficient, and hygienic workflow for modern ent clinics. With integrated suction, spray, illumination, instrument management, and visualization features, the ws 900 brings all essential ent functions into one **COMPACT, ERGONOMIC SYSTEM**. Designed for high-performance clinical environments, WS 900 ensures smooth daily operation, improved patient flow, and enhanced diagnostic accuracy.

Features & Functionality

INTEGRATED ENT FUNCTIONALITY

- ✎ High-performance Medical suction System
- ✎ Adjustable Compressed-air Spray (atomizer)
- ✎ Integrated Led Light source For Endoscopy
- ✎ Heating Module For Mirror / Instrument Warming
- ✎ Dedicated Sinus Wash / Irrigation Support
- ✎ Built-in Waste Management With Sealed Canisters

HEATING & WARMING SOLUTIONS

- ✎ Laryngeal Mirror /scope Warmer To Prevent Fogging
- ✎ Rapid Heating Technology
- ✎ Safe-to-touch Insulated Design

MULTIPURPOSE HEATED STERILIZATION CHAMBER

- ✎ Heated Fluid Reservoir Capable Of Warming Irrigation Solutions
- ✎ Dual-use Design Allows Clinicians to Also:
- ✎ Warm Instruments & Sterilize small Tools Between Procedures

ENDOSCOPY & VISUALIZATION

- ✎ Mounting Structure For FHD/4K Monitor
- ✎ Endoscope Camera Compatibility (rigid & Flexible)
- ✎ Organized Pathways to Ensure Clean Workflow
- ✎ Optional Recording & Image Capture support

WARM EAR IRRIGATION SYSTEM (BODY-SAFE HEATING)

- ✎ Automated Ear Irrigation System With Adjustable Pressure
- ✎ Fluid Heating Mechanism Maintains temperature At Optimum Body-safe Range (~37°c)
- ✎ Ensures Comfortable Earwax Removal, Reduces Dizziness Risk
- ✎ Uniform Warm-flow For Improved Patient Comfort
- ✎ Integrated Collection And Drainage Management

