

TEMPORAL BONE WORKSTATION

TBW-S



Advanced Microscope with Full HD Camera and Display Screen

Equipped with a high-resolution microscope featuring an integrated digital camera.

Live View on Screen for easy observation and teaching.

Video Recording Function to document dissection sessions for review, assessment, and teaching.

Temporal Bone Holder

A dedicated bone holder provides secure, stable positioning of the temporal bone during dissection. It maximizes control, and ensures safety and precision throughout the procedure.

Precision Micromotor

Includes a high-torque, variable-speed micromotor for controlled and safe bone drilling operations.

304-Grade Stainless Steel Construction with Anti-Bacterial Color Coating

The frame is made with combination of non-rusting, medical-grade stainless steel and GI steel, ensuring durability and resistance to corrosion, even with continuous exposure to water and biological materials.

Ergonomic Footrest

Designed with a dedicated footrest to provide maximum surgeon comfort during long training sessions.

Ergonomic Adjustable Stool

A height-adjustable stool with padded seat and back support promotes comfort and correct posture for long sessions.



Built-in Irrigation

A conveniently placed irrigation outlet allows for easy washing of bone and instruments, promoting clean and efficient operation.

High-Efficiency Suction Machine

Integrated suction unit maintains a clear view of the dissection field by removing bone dust and fluids continuously.

Multiple Storage Drawers

Spacious drawers for organizing instruments, temporal bones, burrs, and other accessories.

Removable Stainless Steel Tray

Easily detachable tray ensures quick disposal of debris and simplifies post-procedure cleaning.

Heavy Duty Castors

The entire workstation is mounted on durable castor wheels for easy mobility within the lab or clinic.

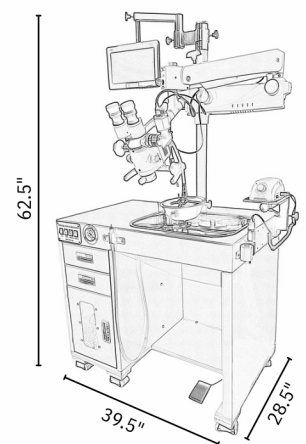
Instruments Set

Cutting Burr
Diamond Burr
Adson Forceps
Micro Ear Scissor Forceps
Micro Ear Crocodile Forceps
Micro Ear Cup Forceps
Sickle Knife
Micro Needle Straight
Micro Needle Curved
Micro Right Angled Pick
Micro Suction Tips
Micro Suction Adapter
Mastoid Suction Tips
BP Handle



Technical Details

Microscope:	Microscope Section: Binocular Tube: Straight Viewing Tube Eye Pieces: 12.5x Wide Field Working distance: F= 200mm objective lens Inter-pupillary Distance Adjustment: 55mm to 75mm Magnification: 6x, 10x & 16x Focusing: Manual fine focusing Illumination Section: Light Source: 100W LED Light Source Illumination Control: Continuous Adjustment Field of Illumination: 70mm Stand Section: Vertical Height Adjustment Rotation of Arm: 180 deg with lock Camera: Resolution: 4K Sensor: Sony CMOS Recording: Micro SD Card Display: Size: 13.5"
Suction:	Max Vacuum: 710 ± 10mm Hg Suction Capacity: 40 ltrs. / Min Vacuum Gauge: Bourden Type 3" 0-760mm Hg calibration Motor: 1 / 4 hp motor Vacuum Pump: Rotary type Jars: Twin Polycarbonate Jars 2+2 ltrs.
Micromotor:	Micromotor: Max Speed: 35,000 rpm Torque: 2.9 ncm Power: 45W Handpiece: Straight Handpiece x 1 Gear Ratio: 1:1 Speed: 0-40,000 rpm
Structure Material:	Stainless Steel Grade 304
Power Consumption:	500W
Power Supply:	AC 220V-240V, 50/60Hz
Dimensions:	39.5 x 28.5 x 62.5" inch (L x W x H)
Weight:	95kg. approx.



With a policy of continuous development, Gem Surgitech reserves the right to change design and specifications without prior notice.

Contact

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