EVOLUTION
Surgical procedures have evolved...

ELECTRO-HYDRAULIC SURGICAL TABLE
T1000 SERIES

So have we.

AMTAI
USA
The T1000 series sets a new precedent in its achievement of an innovative, compact design while maintaining enough clinical versatility to accommodate surgical procedures in nearly all fields, including urology, neurology, orthopedics, and cardiology.

Designed to simplify patient positioning, the table also features a notably sturdy and low-profile base, ensuring surgeon comfort, thus reducing fatigue during long procedures.

The ergonomic hand pendant is backlit, facilitating its operation during endoscopic surgery.

The intelligent design of the table provides benefits such as remarkable C-arm access, self diagnosis with instant error code display, and the prevention of sectional conflict.

In addition to the durable, rust-free components, the T1000 also incorporates several fail-safe functions to ensure its continuous operation.
VERSATILE, EASY-TO-USE & INNOVATIVE

1000 lb (454 kg) Patient Weight Rating
Superior weight capacity throughout all articulations. When the table is in reverse orientation and slid out, the weight capacity drops to 600 lb.

12.2” (31cm) Longitudinal Slide
Longitudinal slide with slim central column and low-profile base facilitates maximum C-arm access.

Pressure Relief Mattresses
The weld-seam mattresses, which are watertight, flame-retardant, antistatic, and antibacterial, disperse pressure thus preventing patient bedsores. When using a C-arm, the 6 cm thick mattress gives the best balance between pressure management and X-ray attenuation, which protects the surgical team from radiation overdose.

Kidney Elevator
Made of carbon fiber for X-ray translucency, the kidney elevator is manually operated with a built-in ratchet wrench so that pressure on the patient can be monitored.

USB Port
The port provides external communication capabilities, which could potentially be used for diagnosis with a computer or coordination with an OR integration system.

Floor Locks
Four electro-hydraulically powered self-adjusting posts level themselves on uneven floors. (Up to 5mm)
Override System
The override control system allows operation of basic table functions from the non-sterile area should the hand pendant become inoperative.

Self Diagnosis with Instant Error Code Display
When the Service LED on the hand pendant is lit, the battery level indicator on the base panel displays a service code used for diagnosis.

Foot Pump
A second source of hydraulic power (T1000SKP only)

Detachable Leg Extension can be articulated down to 105°
Constructed of a short hinged section and detachable extension, the leg section offers maximum C-arm and patient access when the extension is removed.

Safety Side Rail
Safety side rails prevent accessory sockets from dropping.

Emergency Stop Button
The red OFF button can be pushed to stop unexpected table movement caused by a stuck button.

Tabletop Leveling
Tabletop is always leveled according to the Earth’s gravitational force.

Hand Pendant
♦ The hand pendant’s backlit display illuminates the buttons, an essential feature for endoscopic surgery.
♦ The intelligent patient orientation function interprets positioning commands automatically according to the selected orientation.
♦ Functions such as LOCK, UNLOCK, LEVEL, FLEX, and REFLEX (beach chair) help to quickly and safely position the patient.
♦ Most of the possible sectional conflicts are paused by the control system. The user is informed by the INTERLOCK indicator light and a warning sound.

Built-in X-ray Cassette Channels
Having 14” wide X-ray cassette channels beneath all sections eliminates the need for X-ray tabletops, thus making tabletop articulations possible and increasing patient safety.

Extra Perineum Cutout
T1000 Series in reverse orientation with an extra perineum cutout on the back section not only provides extremely long lower body C-arm image but also facilitates the use of Auvard weighted speculum and Da Vinci Robotic Surgical System during OB/GYN (obstetrics and gynecology) procedures. A carbon-fiber filler piece is supplied with each T1000 table for covering the extra perineum cutout in normal orientation.
The versatile design of the perineal cutouts (located on both back and seat sections) combined with the use of J stirrups, leg holders, or adjustable stirrups gives excellent, on-demand surgical access during gynecologic, abdominal, urologic, lithotomic, and laparoscopic surgeries. In reverse orientation, the table not only provides extremely long lower-body C-arm image coverage for lithotomic procedures, but also facilitates the use of Auvard weighted speculum and Da Vinci Robotic Surgical System during OB/GYN (obstetrics and gynecology) procedures. The unobstructed radiolucent tabletop and low-profile base supply the surgeon with superior image coverage and ample KUB (kidneys, ureters, and bladder) access, while leaving room for the fluid collection system.

Essential Accessories
- J Stirrups or Leg Holders with Clark Socket (2)
  or adjustable stirrups with Side Rail Locks (2)
- Drain Pan or Uro Catcher System with Fluid Collector Bags
- Lateral Supports (2) with Side Rail Locks (2)
- Leg Holders with Clark Socket (2)
- Anesthesia Screen with Clark Socket (1)
- Restraint Strap
- Arm Boards

The patient can easily be situated laterally or in a supine position, and the use of the Flex function button and/or Kidney elevator aids surgical access.

Essential Accessories
- Lateral Supports (2 or 3) with Side Rail Locks (2 or 3)
- Multi-task Arm Board with Clark Socket (1)
- Anesthesia Screen with Clark Socket (1)
- Foot Rest with Side Rail Locks (2)
- Restraint Strap
- Arm Board(s)
The electro-hydraulically powered short leg section provides excellent support to the patient and is adjustable during surgery. This eliminates the need of reverse Trendelenburg straps and power-lift stirrups while maintaining maximum endoscopic access to the esophagus and stomach area.

**Essential Accessories**
- Multi-task Arm Board with Clark Socket (2)
- Lateral Supports (2) with Side Rail Locks (2)
- Adjustable Stirrups with Side Rail Locks (2)

In reverse orientation, the leg extension is removed and the shoulder attachment is attached to the powered leg section, ensuring accessibility to the anterior and posterior of the shoulder area.

**Essential Accessories**
- Multi-task Arm Board with Clark Socket (1)
- Lateral Support with Side Rail Locks (1)
- Shoulder Attachment
- Restraint Strap

In reverse orientation with longitudinal slide feature, the joint of the flexed table can travel over the table base, thus allowing a C-arm to go deep underneath the tabletop for the imaging of the total hip.

**Essential Accessories**
- Multi-task Arm Board with Clark Socket (1)
- Lateral Support with Side Rail Locks (2)
- Anesthesia Screen with Clark Socket (1)
- Pubis-sacrum-sternum Support (1)
- Foot rest with Side Rail Locks (2)
- Restraint Strap
- Arm Board
With the appropriate accessories and the patient in kneeling position, the extraordinary height of T1000 Series can easily meet the demands of rectal surgery. For lumbar and sacrum vertebra surgery, the foot supports should be removed, and the angle of the leg sections should be adjusted to level or close to level for better C-arm access (position not shown). In reverse orientation, the table creates ample space beneath the tabletop and also gives the surgeon excellent access to the thoracic or cervical vertebra areas during spinal neurosurgery.

**Essential Accessories**
- Dorsal Cushion or Spinal Frame or Radiolucent Spine Surgery Frame
- Lateral Supports (2) with Side Rail Locks (2)
- Morgan Pelvic Rest with Clark Sockets (2)
- Foot rest with Side Rail Locks (2)
- Multi-positioning Base Unit
- Horseshoe Headrest
- Swivel Adaptor
- Restraint Strap
- Arm Boards

In reverse orientation, the table creates ample space beneath the tabletop or the back section for prone, supine, lateral, or seated craniotomy, and it also gives the surgeon excellent access to the cranial area. With the “N” option, the height of the tabletop can be lowered to 55 cm.

**Essential Accessories**
- Crossbar Adapter for Base Unit with Clark Socket (2)
- Multi-Task Arm Boards (2) with Clark Socket (2)
- Lateral Supports (2) with Side Rail Locks (2)
- Multi-positioning Base Unit
- Skull Clamp with Skull Pins
- Swivel Adaptor
- Restraint Strap
- Arm Boards
In normal orientation, by attaching the head section to the leg extension or by attaching the leg extension between the head and back sections, the T1000 Series provides unobstructed C-arm access for cardiovascular surgery and femoro-popliteal bypass surgery. In reverse orientation (patient weight capacity drops to 600 lb / 273 kg), the table also provides unobstructed C-arm access for cardiovascular surgery and femoro-popliteal bypass surgery.

Essential Accessories
- Foot Rest with Side Rail Locks (2)
- Restraint Strap
- Arm Boards

With the combination of the height adjustment and reverse orientation functions, the T1000 Series provides a comfortable working environment for a seated surgeon and ample room for necessary equipment. With the “N” option, the height of the tabletop can be lowered to 55 cm.

Essential Accessories
- Ophthalmic Headrest with Surgeon Wrist Support
- Foot Controller
- Restraint Strap
- Arm Boards
C-ARM IMAGE COVERAGE

T1000S
T1000SK
T1000SKP

UPPER BODY
Reverse orientation
Slide to head end

UPPER BODY
Normal orientation
Slide to head end
(head + leg extension + table)

LOWER BODY
Normal orientation
Slide to leg end

LOWER BODY
Reverse orientation
Slide to leg end

T1000
T1000K

UPPER BODY
Reverse orientation

UPPER BODY
Normal orientation
(head + leg extension + table)

LOWER BODY
Normal orientation

LOWER BODY
Reverse orientation

NOTE: All imaging coverage is 14 inches wide.
**Power Requirements**
AC 110V / 300 VA, 50 / 60 Hz or
AC 220V / 300 VA, 50 / 60 Hz; single phase

**Battery Capacity**
Main Battery Set: 24V, 14 Ah (12V / 14Ah x 2, per each model)
Sub Battery Set: 24V, 2.3 Ah (12V / 2.3Ah x 2, for T1000SKP only)

**RANGE OF TABLE MOVEMENTS**
- **Flex:** 25°
- **Reverse Flex:** 25°
- **Reflex:** 30°
- **Reverse Reflex:** 100°
- **Kidney Elevator:** 0 ~ 4.7 in (12 cm)
- **Head:** 90°
- **Back:** 80°
- **Leg:** 80°
- **Slide:** 12.2 in (31 cm)
- **Trendelenburg:** 30°
- **Lateral Tilt:** 20°
- **Height:** 26 in (66 cm) to 48 in (122 cm)

**NOTE:** Tables with ‘N’ option have table height of 55 cm to 100 cm (21.65 in to 39.37 in) and Trendelenburg of 25°.

**ACCESSORY LIST**

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<th>Item ID</th>
<th>Description</th>
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<tr>
<td>ACC0001</td>
<td>Clark Socket, for 3/8” x 1 1/8” Safety Side Rail</td>
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<td>ACC0004</td>
<td>Side Rail Locks, for 3/8” x 1 1/8” Side Rail</td>
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<td>ACC0006</td>
<td>Anesthesia Screen</td>
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<td>ACC0007</td>
<td>Winged Anesthesia Screen</td>
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<td>ACC0008</td>
<td>Infusion Stand</td>
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<td>Multi-Task Arm Board</td>
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<td>Hourglass Table</td>
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<td>Shoulder Support (Left)</td>
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<td>Shoulder Support (Right)</td>
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<td>Dorsal Cushion</td>
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<td>Uro Catcher System</td>
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<td>Elite Stirrups</td>
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<td>Swivel Adaptor</td>
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<tr>
<td>ACC0103</td>
<td>Horseshoe Headrest with Extension Bar, adult</td>
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Please refer to the Accessory Catalog for comprehensive product range and information.
THE T1000 SERIES
SURGICAL TABLE

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An ISO 13485 and ISO 9001 Certified Manufacturer

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