

# MTI | Exam Chairs and Accessories



U.S. & Canada 800-924-4655 | International 801-875-4999

*Strength in patient care.™*



# MTI Power Chairs and Accessories

## Products Just Right for You

### Superior Base Design

All MTI bases are telescoping, low voltage 24-volt DC-powered, which provides superior lifting capacities of over 600 lbs. (272 kg.) In fact, MTI has perhaps the highest lift capacities on the market. This increased lift capacity makes it very easy to accommodate the above average size patient, without straining, which leads to increased equipment life. This telescoping design also decreases the complexity and service prone nature found in competing scissors lift or cantilever base designs.

MTI's telescoping base benefits from a straight up and down ascent and descent, and eliminates the forward and backward movement found in all cantilever base designs employed in several competitive chairs.

Several styles of chairs with many combinations of power and manual functions, help satisfy nearly every need.

The continued challenge of combating rising healthcare costs and the need to provide equipment that is right for the purpose has lead MTI to design an entire family of exam and procedure chairs.

A wide array of medical procedures and patient profiles call for a variety of chair and patient positions that cannot be satisfied by just one model exam chair. No matter what the need is, MTI produces quality, long lasting equipment that is right for you and your patients. MTI helps complete the exam room experience with the addition of many options and accessories.



Above chair samples of MTI Models 421 Power Lift and Manual Back Chair, 424-LRX Tri-Power Chair, and 401 Electro-Hydraulic Lift and Manual Back Chair shown



Whatever your medical specialty is, you have a choice in **Exam Chairs**, but what follows are just some of the features that should make **MTI** your choice.

## 1 Headrest Selections to Meet Your Needs

Not only does MTI produce an entire family of specialty headrests, but the intuitive locking system is much easier to adjust than competitive headrest lock systems and supports up to 150 lbs. (68 kg.)



## 2 Rugged Construction and Velcro® Upholstery Attachment

All steel-welded construction and steel cushion substrates make the MTI chairs able to handle extremely heavy loads and assure long chair life. Velcro®-attached cushions make it easy to change chair color, replace a damaged cushion, and afford easy cleaning.



## 3 Membrane Switching and Programmable Controls

Membrane touch pad switching with electrically actuated swivel base lock and re-locking delay.



## 4 Flip-up, Lock-down Patient Arms

All MTI exam chairs share the same type of locking arms which lock in the down position and flip-up for entry/exit by actuating the knee-flex arm linkage.



## 5 Independent Tilt Function

Currently, MTI is the only manufacturer of a knee break exam chair with the additional independent power "tilt" function, which helps provide variable trendelenberg positions and more comfortable long term patient positioning.

# MTI Model 424 Power Tilt

## Tri-Power Exam Chair with Flip-up Footrest, Power Lift, Power Back/Coordinated Footrest, and Power Tilt Functions



424 Chair shown with optional back mounted exam light and optional foot control.



Flip-up footrest. Locks in up position



Articulating Headrest



Positions from upright to contour, flat, and trendelenburg are easily attained with the three-power functions of the 424 chair.

The 424 chair has a separate power tilt function that sets it apart from all other sit-up type exam chairs. The independent power tilt provides the flexibility to better contour the patient for comfort. In the sitting position the tilt enables the operator to “rock” the patient backward to attain a more comfortable upright position. In combination with the coordinated power back/foot function, the chair can be positioned to 15 degrees of trendelenberg.

The 424 is available in either of two entry/operate heights, a high base “H” model, 21” (53.3 cm) entry height with 16” (40.6 cm) of vertical rise and an ADA compliant low base “L” model, 19” (48.3 cm) entry height with 11.5” (29.2 cm) of vertical rise; which together outperform every other competitive power exam chair.

Standard features include: 24-volt low voltage DC motors, 11.5” (29.2 cm) or 16” (40.6 cm) vertical travel power lift base, coordinated power back/foot and independent power tilt, flip-up lock-down arms, cast aluminum compensating patient footrest, electrically operated lock/unlock of the swivel top, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), dual-side back mounted membrane switches with swivel lock/unlock feature, two user-settable program positions, auto return, stop/cancel, and any button cancellation.



Model 424 Chair shown with oval articulating headrest and designer upholstery. See pages 19-23 for additional options.

# MTI Model 424-LRX Power Tilt

## Tri-Power Exam Chair with Extended Legrest

Power Lift, Power Back/Coordinated Legrest, and Power Tilt Functions

The 424-LRX chair has a separate power tilt function and an extended legrest that sets it apart from all other sit-up type exam chairs. The independent power tilt provides the flexibility to better contour the patient for comfort. In the sitting position the tilt enables the operator to "rock" the patient backward to attain a more comfortable upright position. In combination with the coordinated power back/foot function, the chair can be positioned to 15 degrees of trendelenberg.

The 424-LRX is available in either of two entry/operate heights, a high base "H" model, 21" (53.3 cm) entry height with 16" (40.6 cm) of vertical rise and an ADA compliant low base "L" model, 19" (48.3 cm) entry height with 11.5" (29.2 cm) of vertical rise; which together outperform every other competitive dual power exam chair.

Standard features include: 24-volt low voltage DC motors, 11.5" (29.2 cm) or 16" (40.6 cm) vertical travel power lift base, coordinated power back/foot and independent power tilt, flip-up lock-down arms, padded extended legrest, electrically operated lock/unlock of the swivel top, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), dual-side back mounted membrane switches with swivel lock/unlock feature, two user-settable program positions, auto return, stop/cancel, and any button cancellation.



Model 424-LRX Chair shown with oval articulating headrest and designer upholstery. See pages 19-23 for additional options.



424-LRX Chair shown with optional foot control.



Articulating Headrest



Positions from upright to contour, flat, and trendelenburg are easily attained with the three-power functions of the 424-LRX chair.

# MTI Model 423

## Dual-Power Exam Chair with Flip-up Footrest Power Lift and Power Back/Coordinated Footrest Functions



423 Chair shown with optional back mounted exam light and optional foot control



Flip-up footrest. Locks in up position



Articulating Headrest



Positions from upright to contour and flat are easily attained with the two-power functions of the 423 chair.

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The 423 chair sets the standard for traditional dual-power upright exam chairs as it moves smoothly and rapidly from a sit-up chair position to a flat position with footrest extended using the coordinated power back/foot function.

The 423 is available in either of two entry/operate heights, a high base "H" model, 21" (53.3 cm) entry height with 16" (40.6 cm) of vertical rise and an ADA compliant low base "L" model, 19" (48.3 cm) entry height with 11.5" (29.2 cm) of vertical rise; which together outperform every other competitive dual power exam chair.

Standard features include: 24-volt low voltage DC motors, 11.5" (29.2 cm) or 16" (40.6 cm) vertical travel power lift base, coordinated power back/foot, flip-up lock-down arms, cast aluminum compensating patient footrest, electrically operated lock/unlock of the swivel top, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), dual-side back mounted membrane switches with swivel lock/unlock feature, two user-settable program positions, auto return, stop/cancel, and any button cancellation.



Model 423 Chair shown with oval articulating headrest and designer upholstery. See pages 19-23 for additional options.

# MTI Model 423-LRX

## Dual-Power Exam Chair with Extended Legrest Power Lift and Power Back/Coordinated Legrest Functions

The 423-LRX converts a traditional dual-power upright exam chair to a contoured lounge chair by replacing the footrest with an extended legrest. The 423-LRX chair moves smoothly and rapidly from a sit-up chair position to a flat position using the coordinated power back/foot function.

The 423-LRX is available in either of two entry/operate heights, a high base "H" model, 21" (53.3 cm) entry height with 16" (40.6 cm) of vertical rise and an ADA compliant low base "L" model, 19" (48.3 cm) entry height with 11.5" (29.2 cm) of vertical rise; which together outperform every other competitive dual power exam chair.

Standard features include: 24-volt low voltage DC motors, 11.5" (29.2 cm) or 16" (40.6 cm) vertical travel power lift base, coordinated power back/foot, flip-up lock-down arms, padded extended legrest, electrically operated lock/unlock of the swivel top, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), dual-side back mounted membrane switches with swivel lock/unlock feature, two user-settable program positions, auto return, stop/cancel, and any button cancellation.



Model 423-LRX Chair shown with oval articulating headrest and designer upholstery. See pages 19-23 for additional options.



423-LRX Chair shown with optional foot control



Articulating Headrest



Positions from upright to contour and flat are easily attained with the two-power functions of the 423-LRX chair.

# MTI Model 421

## Single Power Exam Chair with Flip-up Footrest Power Lift and Manual Back/Coordinated Footrest Functions



421 Chair shown with optional back mounted exam light and optional foot control



Flip-up footrest. Locks in up position



Articulating Headrest



Positions from upright to contour and flat are easily attained with the power lift and manual back functions of the 421 chair.

The 421 chair uses a manual back for a quick and smooth recline to the flat position with footrest extended, while still offering all the quality of MTI's full feature chairs.

The precision gas spring counterbalances the patient in recline and aids the operator in returning patients to the upright position. The back mounted handle release is readily accessible from both sides of the chair back and is actuated in either an up or down direction for a smooth recline or raise, while coordinating the movement of the back and the footrest.

The 421 is available in either of two entry/operate heights, a high base "H" model, 21" (53.3 cm) entry height with 16" (40.6 cm) of vertical rise and an ADA compliant low base "L" model, 19" (48.3 cm) entry height with 11.5" (29.2 cm) of vertical rise; which together outperform every other competitive dual power exam chair.

Standard features include: 24-volt low voltage DC motors, 11.5" (29.2 cm) or 16" (40.6 cm) vertical travel power lift base, coordinated manual back/foot, flip-up lock-down arms, cast aluminum compensating patient footrest, electrically operated lock/unlock of the swivel top, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), dual-side back mounted membrane switches with swivel lock/unlock feature, two user-settable program positions, auto return, stop/cancel, and any button cancellation.



Model 421 Chair shown with oval articulating headrest and designer upholstery. See pages 19-23 for additional options.

# MTI Model 421-LRX

## Single Power Exam Chair with Extended Legrest Power Lift and Manual Back/Coordinated Legrest Functions

The 421-LRX converts a traditional single-power upright exam chair to a contoured lounge chair by replacing the footrest with an extended legrest.

The precision gas spring counterbalances the patient in recline and aids the operator in returning patients to the upright position. The back mounted handle release is readily accessible from both sides of the chair back and is actuated in either an up or down direction for a smooth recline or raise, while coordinating the movement of the back and the legrest.

The 421-LRX is available in either of two entry/operate heights, a high base "H" model, 21" (53.3 cm) entry height with 16" (40.6 cm) of vertical rise and an ADA compliant low base "L" model, 19" (48.3 cm) entry height with 11.5" (29.2 cm) of vertical rise; which together outperform every other competitive dual power exam chair.

Standard features include: 24-volt low voltage DC motors, 11.5" (29.2 cm) or 16" (40.6 cm) vertical travel power lift base, coordinated manual back/foot, flip-up lock-down arms, padded extended legrest, electrically operated lock/unlock of the swivel top, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), dual-side back mounted membrane switches with swivel lock/unlock feature, two user-settable program positions, auto return, stop/cancel, and any button cancellation.



Model 421-LRX Chair shown with oval articulating headrest and designer upholstery. See pages 19-23 for additional options.



421-LRX Chair shown with optional foot control



Articulating Headrest



Positions from upright to contour and flat are easily attained with the power lift and manual back functions of the 421-LRX chair.

# MTI Model 421E

## Hydraulic Power Base Exam Chair with Flip-up Footrest Power Lift and Manual Back/Coordinated Footrest Functions



421E Chair shown with optional back mounted exam light



Lift and swivel lock actuation pedals



Articulating Headrest



Positions from upright to contour and flat are easily attained with the hydraulic power lift and manual back functions of the 421E chair.

The 421E chair uses a manual back for a quick and smooth recline to the flat position with footrest extended and a more cost-effective electro-hydraulic power base, while still offering all the quality of MTI's full feature chairs.

The precision gas spring counterbalances the patient in recline and aids the operator in returning patients to the upright position. The back mounted handle release is readily accessible from both sides of the chair back and is actuated in either the up or down directions for a smooth recline or raise, while coordinating the movement of the back and the footrest. The electro-hydraulic 8" (20.3 cm) lift and swivel lock are operated by pedals located on the side of the base.

Standard features include: Foot operated electro-hydraulic power base, ADA compliant 19" (48.3 cm) entry height, coordinated manual back/foot, flip-up lock-down arms, cast aluminum compensating patient footrest, foot operated lock/unlock of the swivel top, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), and foot operated raise/lower function.



Optional Tear Drop Stabilizer Plate (TDSP)

Model 421E Chair shown with oval articulating headrest and designer upholstery. See pages 19-23 for additional options.

# MTI Model 421M

## Manual Base Exam Chair with Flip-up Footrest Manual Lift and Manual Back/Coordinated Footrest Functions

The 421M chair uses a manual back for a quick and smooth recline to the flat position with footrest extended and an even more cost-effective manual pump hydraulic base, while still offering all the quality of MTI's full feature chairs.

The precision gas spring counterbalances the patient in recline and aids the operator in returning patients to the upright position. The back mounted handle release is readily accessible from both sides of the chair back and is actuated in either the up or down directions for a smooth recline or raise, while coordinating the movement of the back and the footrest. The manual pump hydraulic 8" (20.3 cm) lift and swivel lock are operated by a bar located on the side of the base.

Standard features include: Foot operated manual pump base, ADA compliant 19" (48.3 cm) entry height, coordinated manual back/foot, flip-up lock-down arms, cast aluminum compensating patient footrest, foot operated lock/unlock of the swivel top, non-articulating headrest of choice, all steel frame and cushion substrates, smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), and foot operated raise/lower function.



Optional Tear Drop Stabilizer Plate (TDSP)

Model 421M Chair shown with oval non-articulating headrest and designer upholstery. See pages 19-23 for additional options.



421M Chair shown with optional back mounted exam light



Lift and swivel lock actuation bar



Positions from upright to contour and flat are easily attained with the manual lift and back functions of the 421M chair.

# MTI Model 401

## Hydraulic Power Base Exam Chair with Stainless Steel Looped Footrest Power Lift and Manual Back Functions



401 Chair shown with optional back mounted exam light

The 401 uses a manual back for a quick and smooth recline to the flat position and a more cost-effective electro-hydraulic power base, while still offering all the quality of MTI's full feature chairs.

The precision gas spring counterbalances the patient in recline and aids the operator in returning patients to the upright position. The back mounted handle release is readily accessible from both sides of the chair back and is actuated in either the up or down directions for a smooth recline or raise. The electro-hydraulic 8" (20.3 cm) lift and swivel lock are operated by pedals located on the side of the base.

Standard features include: Foot operated electro-hydraulic power base, ADA compliant 19" (48.3 cm) entry height, manual back, flip-up lock-down arms, heavy gauge stainless steel loop footrest, foot operated lock/unlock of the swivel top, non-articulating headrest of choice, all steel frame and cushion substrates, smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), and foot operated raise/lower function.



Lift and swivel lock actuation pedals



Flip-up, lock-down arms



Positions from upright to reclined and flat are easily attained with the power hydraulic lift and manual back functions of the 401 chair.



Optional Tear Drop Stabilizer Plate (TDSP)

Model 401 Chair shown with oval non-articulating headrest and optional tear drop stabilizer plate. See pages 19-23 for additional options.

# MTI Model 400

## Manual Base Exam Chair with Stainless Steel Looped Footrest Manual Lift and Manual Back Functions

The 400 manual exam chair is MTI's most basic exam chair, but stands above all competitive chairs. The 400 chair uses a manual back for a quick and smooth recline to the flat position and an even more cost-effective manual pump hydraulic base, while still offering all the quality of MTI's full feature chairs.

The precision gas spring counterbalances the patient in recline and aids the operator in returning patients to the upright position. The back mounted handle release is readily accessible from both sides of the chair back and is actuated in either the up or down directions for a smooth recline or raise. The manual pump hydraulic 8" (20.3 cm) lift and swivel lock are operated by a bar located on the side of the base.

Standard features include: Foot operated manual pump base, ADA compliant 19" (48.3 cm) entry height, manual back, flip-up lock-down arms, heavy gauge stainless steel looped footrest, foot operated lock/unlock of the swivel top, non-articulating headrest of choice, all steel frame and cushion substrates, smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), and foot operated raise/lower function.



Optional Tear Drop Stabilizer Plate (TDSP)

Model 400 Chair shown with oval non-articulating headrest and optional tear drop stabilizer plate. See pages 19-23 for additional options.



400 Chair shown with optional back mounted exam light



Lift and swivel lock actuation bar



Flip-up, lock-down arms



Positions from upright to reclined and flat are easily attained with the manual lift and back functions of the 400 chair.

# MTI Model 705/710

## Dual- and Tri-Power Exam Chairs with Fixed Contour Seat

Model 705 Power Lift, Back Functions; Model 710 Power Lift, Power Back, and Power Tilt Functions



705 Chair shown with foot control



Flip-up, lock-down arms (shown with optional hand switches)



Articulating Headrest



Multiple positions and superior patient access are available with the power functions of the 705/710 Consult Chairs.

The 705 Dual-Power (lift and back) and the 710 Tri-Power (lift, back, and tilt) fixed contour Exam/Consult chairs provide the ultimate in patient comfort with flip-up and lock-down arms and were especially designed for medical specialties needing superior access to patient's head and neck areas.

Model 705 has a fixed 7-degree seat tilt for increased patient comfort and economy, and Model 710 has a separate independent power tilt for up to 30 degrees of trendelenburg. The MTI consult chairs can be equipped with many of the options previously available only on major surgery chairs, such as electrically-operated swivel base, mobile base options, and programmability.

Standard features include: 24-volt low voltage DC motors, ADA compliant 19" (48.3 cm) entry height, 16" (40.6 cm) vertical travel power lift base, power back and power tilt (Model 710 only), flip-up lock-down arms, articulating headrest of choice, all steel frame and cushion substrates, designer or smooth Velcro®-attached upholstery in standard foams (optional memory foams and Ultra fabric styles available), foot control, remote hand control, or back mounted hand switches with auto return, stop/cancel, and any button cancellation.



Model 710 Chair shown with prosthetic articulating headrest and designer upholstery. See pages 19-23 for additional options.

# MTI Model TRC600 and TRC600XL

## Mobile Patient Transfer/Recovery Chairs

### Mobile Base and Manual Recline

The MTI TRC600 and TRC600XL provide a safe and comfortable patient management platform for surgery recovery, transport, and other clinical needs.

These models provide three positions from upright to trendelenburg through a control handle located on the rear of the recliner back accessible from either side. They also have a built-in ergonomic headrest, adjustable elastic bands on the back frame that provide exceptional comfort and an elastic open seat base and non-porous blow molded fold-down side trays with cup recesses mounted on both sides. All of these features combine to create the ultimate in comfort, durability, and value.

The MTI TRC600's rated weight capacity is 275 lbs. (124.7 kg) with a 21" (53.3 cm) wide seat and the MTI TRC600XL's rated weight capacity is 450 lbs. (204 kg) with a 25" (63.5 cm) wide seat.

Standard features include\*: 5" (12.7 cm) swivel locking quiet-run casters, two non-porous swing-up 11" x 18" (27.9 cm x 45.7 cm) utility tables, built-in ergonomic headrest, and transport handle. Other options and models are available upon request.

\*Bariatric mobile chair is available upon request



Model TRC600 in upright position



Model TRC600XL in reclined position



Model TRC600 with optional IV rod and holder

# MTI OSIT Mobile Instrument Tables

## Over-the-Patient Instrument Tables



Universal High Volume Evacuation Tip Holder for mounting various evacuation tips to the side of your OSIT. The holder swings for easy access by the operator.



Optional IV Pole (OSIT-IV)

The OSIT Series of mobile instrument tables are designed with all steel frame construction and an attractive Crystal laminate top and laminated underside to aid in cleaning. The OSIT tables can be optionally ordered in special colors and in Wilsonart solid surface Gibraltar colors.

The OSIT mobile tables provide a stable and adjustable working surface for medical and dental specialties needing additional working surfaces. They provide an additional work surface and efficiently use floor space next to and over the patient, by straddling the patient and the chair/table.

They are adjustable from 30.5" to 48" (77.5 cm to 121.9 cm) and provide a 23.5" x 39" (59.7 cm x 99.1 cm) sculptured counter top working surface. Counter top edge guards, IV rod and holder, and high volume evacuation tip holders are also optionally available.

A 21" x 12" (53.3 cm x 30.5 cm) pullout tray for support of an instrument tray or an additional work surface is standard on the OSIT-1001 and OSIT-2001 models.

Standard features include: Four twin-wheel locking urethane tread casters, laminated underside, and 17.5" (44.5 cm) vertical adjustment.

*\*Not for use with chair/table equipment with Low Boy Mobile Caster Base option.*



OSIT shown with optional counter top edge guard straddling Model 721 Chair with stool

Need more space? **OSIT Mobile Tables** provide a stable and adjustable working surface for medical and dental specialties needing additional working surfaces.



OSIT-1000 Crystal Laminate counter top without pull out tray



OSIT-1001\* Crystal Laminate counter top with pull out tray  
*\*Stainless steel tray not included*



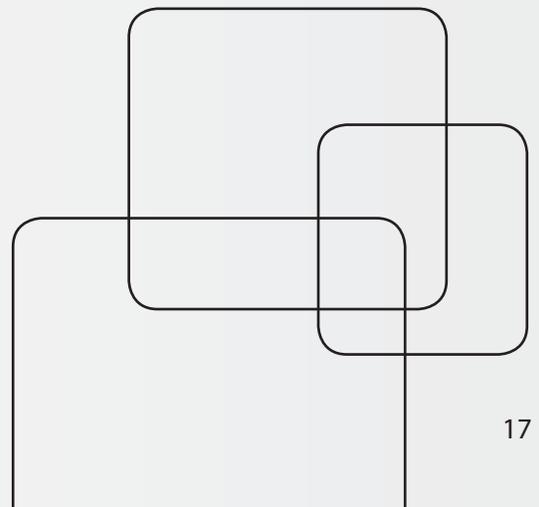
OSIT-2000 Frosty White Solid Surface counter top without pull out tray



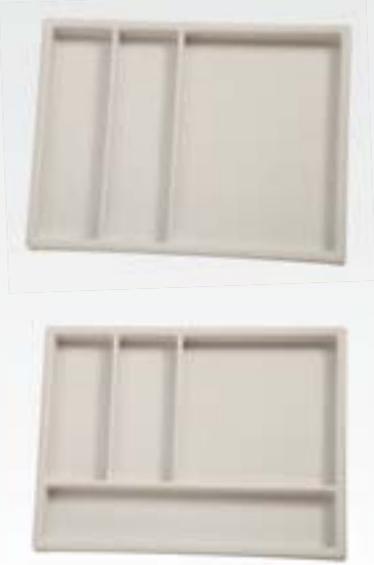
OSIT-2001\* Frosty White Solid Surface counter top with pull out tray  
*\*Stainless steel tray not included*



Optional Counter Top Edge Guard (CEG)



# MTI MTC Mobile Treatment Cabinets



Optional drawer inserts also available (CDI-3 and CDI-4)



MTC-1

The MTI MTC Series of cabinets feature European styling with appealing rounded side panel edges and molded handles, premium industrial wood components and Wilsonart Crystal color laminate outside and melamine laminated inside.

European style drawer construction with metal side/slides make the metal side and the slide of the drawer one piece. In models with doors, the MTC's also employ quality European hardware for wider opening.

The MTC doors and drawers are all constructed with heavy molded edge guards for durability. Other options available such as lift up shelf, recessed dirty instrument trays, drawer locks, and more.

Standard features include: Choice of 22" (55.9 cm) deep or 18" (45.7 cm) deep counter top, four hard rubber casters, laminate inside and out, European drawer construction and hinge hardware, 3 mm drawer/door edge molding, resilient counter top edge guard, choice of Crystal or Black counter top and backwall, and choice of one of MTI's seven Standard Laminate Cabinet colors for the doors and drawers.



MTC-A

MTC-B

# Accessories

## Chair Options \*(Available on 705/710 chairs only)



340-degree swivel base\*



2" (5.1 cm) Leveling Glides  
(other heights available)\*



BMR Base Mounting Rail,  
Hospital Standard Size\*



ASDK Auto Swivel  
Disengagement Kit  
(available on 421, 423,  
424 chairs only)

## Control Options



Foot Controls available in both programmable and non-programmable versions (not available on 400, 401, 421M, and 421E chairs)



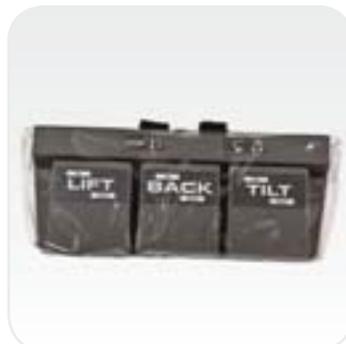
Corded hand control  
(not available on 400, 401,  
421M, and 421E chairs)



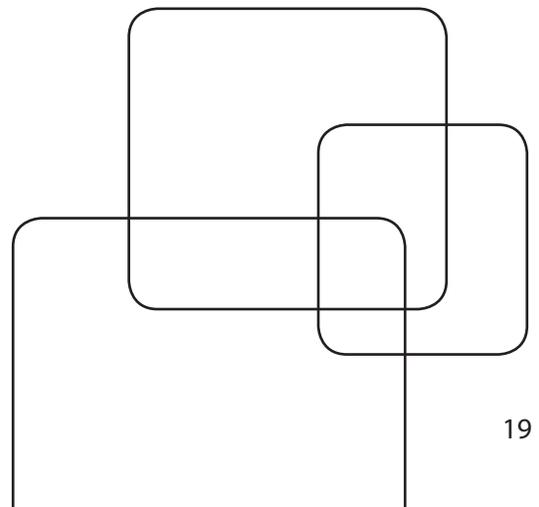
Dual back-mounted membrane switches  
added to 705/710 chair only



Foot Control Mount (available on  
705/710 chair only)



Clear Foot Control Cover for single,  
dual, or tri foot controls



## Headrest Options



AH401-1 Oval Articulating  
(9”h x 8”w)



AH405-1 Deep Oval Articulating  
(9”h x 8”w)



AH404-1 Rectangular Articulating  
(8”h x 12”w)



AH407-1 Trapezoid Articulating  
(8”h x 18”w tapering to 16.5”w)



PH402-1 Prosthetic Articulating  
(4”h x 8”w)



AH403-1 Round Articulating  
(6” diameter)



AH408-1 Horseshoe Shaped  
Articulating (10”h x 10.5”w)



NH401 Oval Non-Articulating  
(9”h x 8”w)



NH404 Rectangular  
Non-Articulating (8”h x 12”w)



Optional Upgrade AD401-1  
Oval Drape Support  
Articulating (9”h x 8”w)



Optional Upgrade USP  
U-shaped Pillow (requires  
AH401-1)



Optional removable closed cell  
foam molded forearm supports  
for chinning. Available on  
AH401-1, AH405-1 and PH402-1  
headrests



Optional Upgrade AH405-3-OPH  
Deep Oval Articulating with  
Adjustable “U” Shaped Wrist  
Support



Optional Upgrade AH405-2-OPH  
Deep Oval Articulating with  
Adjustable Crescent Shaped  
Wrist Support



180-degree Adjustment  
with Three Different  
Locations



Vertically Adjust  
Wrist Support 5”

# Accessories

## 1" and 2" Post Accessories

(1" (2.5 cm) post available on 421, 423, 424, and 705/7101 chair only) (1" (2.5 cm) post mounts on patient's left hand side only on 421, 423, 424) (2" (5.1 cm) post available on 705/710 chairs only)



A: Exam Light; B: IV Pole; C: Mayo Tray; D: Post-mounted Monitor Tray



A: Post-mounted Light; B: IV Pole; C: Patient Monitor Tray; D: Flexible Mayo Tray

## Upholstery Options



Smooth Upholstery (available on all chairs)



Designer Upholstery (available on 421E, 421M, 421, 423, 424 only)



Designer Upholstery (available on 705/710 chairs only)



Memory foam available in all upholstery kits

## Mobile Base Options (available on 705/710 chairs only)



LBMCB Low-boy Mobile Caster Base (adds 1/2" (1.3 cm) to height. Max width increases to 30.75" (78.1 cm))



CMB Mobile Base (adds 5.5" (14 cm) to height)



MCC Mobile Caster Cart (adds 1.5" (3.8 cm) to height)



LC-4 Mobile Base (adds 3 3/4" (9.5 cm) to height)

## Miscellaneous Accessories



BMPR-18 Back Mounted or LRX Footrest Mounted Paper Roll Holder (not available on 705/710 chairs)



LRS Leg Restraint Strap



DOK430LH Duplex Outlet Kit (patient left hand side only)(available on 705/710 chairs only)



BLGF Base Leveling Glide Feet



IVBR Base-mounted IV Pole (requires BMR Base Mounting Rail) (available on 705/710 chairs only)



ARMB-1 Accessory Rail Mounting Bracket (requires BMR Base Mounting Rails) (available on 705/710 chairs only)

## Exam and Surgery Seating

Many seating chairs and options are available. Please see additional brochure for physician and assistant seating.



SG11621-221 Pneumatic Hand Operated Chair with Ergonomic Back



EG13721-221 Pneumatic Hand Operated Chair with Ergonomic Back and Curved Body Support



FG51121-221 Pneumatic Foot Operated Chair with 4-way Adjustable Back



HY42422-221 Hydraulic Foot Operated Surgery Chair with Twin Arms

# Accessories

## Lighting



HS-27VMB chair back mounted exam light with IEC-320 outlet  
(not available on 705/710 chairs)



Apex Surgery light



System Two S2 Surgery Light

Couple your MTI chair with a ceiling or wall mounted, or floor stand exam or surgery/ OR light. Dual-head and track mounts are available for most models as well as major surgery lighting.



AIM LED Minor Surgery Light



AIM-100 Minor Surgery Light



Outpatient II® Minor Surgery Light



CoolSpot II Spotlight



ExceLED Minor Surgery Light



Centurion Excel Minor Surgery Light



Centry Exam Light



Centura Spotlight

# Specifications

## 424/423/421\*

Minimum seat height:	Low Model 19" (48.3 cm)
	High Model 21" (53.3 cm)

Maximum seat height:	Low Model 30.5" (77.5 cm)
	High Model 37" (94 cm)

Maximum vertical elevation:	Low Model 11.5" (29.2 cm)
	High Model 16" (40.6 cm)

### Section Dimensions

Back Section:	19" tapering to 13" wide x 21" long (48 cm tapering to 33 cm wide x 53 cm long)
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Seat Section:	19.5" wide x 19" deep (49.5 cm wide x 48 cm)
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Foot Section:	18" tapering to 12" wide x 23" long (45.7 cm tapering to 30.5 cm wide x 58 cm)
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Maximum width between arms:	19" (48 cm)
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Maximum width w/arms:	26" (66 cm)
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Maximum Trendelenburg:	424 Only 15°
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Overall length:	
w/o headrest extension	72.5" (184 cm)
w/headrest extension	78.5" (199 cm)

Electrical Input/Power Consumption:	
424	115/60, 4.8 amps 230/50, 2.4 amps
423	115/60, 3.8 amps 230/50, 1.9 amps
421	115/60, 2.8 amps 230/50, 1.4 amps

Weight†:	
424	322 lbs (146 kg)
423	306 lbs (139 kg)
421	314 lbs (143 kg)

Shipping weight†:	
424	386 lbs (175 kg)
423	370 lbs (168 kg)
421	378 lbs (171 kg)

### Shipping size†:

424/423/421	80" x 32" x 34" (203 cm x 81 cm x 86 cm)
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## 424-LRX/423-LRX/421-LRX\*

Minimum seat height:	Low Model 19" (48.3 cm)
	High Model 21" (53.3 cm)

Maximum seat height:	Low Model 30.5" (77.5 cm)
	High Model 37" (94 cm)

Maximum vertical elevation:	Low Model 11.5" (29.2 cm)
	High Model 16" (40.6 cm)

### Section Dimensions

Back Section:	19" tapering to 13" wide x 21" long (48 cm tapering to 33 cm wide x 53 cm long)
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Seat Section:	19.5" wide x 19" deep (49.5 cm wide x 48 cm)
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Foot Section:	
High Model	19" tapering to 13" wide x 18.5" long (48 cm tapering to 33 cm wide x 47 cm)
Low Model	19" tapering to 13" wide x 16" long (48 cm tapering to 33 cm wide x 40.6 cm)

Maximum width between arms:	19" (48 cm)
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Maximum width w/arms:	26" (66 cm)
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Maximum Trendelenburg:	424-LRX Only 15°
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Overall length†:	
High Model w/o headrest extension	68" (173 cm)
High Model w/headrest extension	74" (188 cm)
Low Model w/o headrest extension	65.5" (166 cm)
Low Model w/headrest extension	71.5" (181.6 cm)

Electrical Input/Power Consumption:	
424-LRX	115/60, 4.8 amps 230/50, 2.4 amps
423-LRX	115/60, 3.8 amps 230/50, 1.9 amps

# Specifications

421-LRX	115/60, 2.8 amps
	230/50, 1.4 amps
Weight†:	
424-LRX	308 lbs (140 kg)
423-LRX	292 lbs (133 kg)
421-LRX	300 lbs (136 kg)
Shipping weight†:	
424-LRX	372 lbs (169 kg)
423-LRX	356 lbs (161 kg)
421-LRX	359 lbs (163 kg)
Shipping size†:	
424-LRX/423-LRX/421-LRX	
80" x 32" x 34" (203 cm x 81 cm x 86 cm)	

## 421E/421M

Minimum seat height:	19" (48.3 cm)
Maximum seat height:	27" (68.6 cm)
Maximum vertical elevation:	8" (20.3 cm)
Section Dimensions	
Back Section:	19" tapering to 13" wide x 21" long (48 cm tapering to 33 cm wide x 53 cm long)
Seat Section:	19.5" wide x 19" deep (49.5 cm wide x 48 cm)
Foot Section:	18" tapering to 12" wide x 23" long (45.7 cm tapering to 30.5 cm wide x 58 cm)
Maximum width between arms:	19" (48 cm)
Maximum width w/arms:	26" (66 cm)
Overall length:	
w/o headrest extension	72.5" (184 cm)
w/headrest extension	78.5" (199 cm)
Electrical Input/Power Consumption:	
421E	115/60, 2.78 amps (Not available in 230/50)
421M	Not applicable

Weight†:	
421E	181 lbs (82 kg)
421M	148 lbs (67 kg)
Shipping weight†:	
421E	240 lbs (109 kg)
421M	207 lbs (94 kg)
Shipping size†:	
80" x 32" x 34" (203 cm x 81 cm x 86 cm)	

## 401/400

Minimum seat height:	19" (48.3 cm)
Maximum seat height:	27" (68.6 cm)
Maximum vertical elevation:	8" (20.3 cm)
Section Dimensions	
Back Section:	19" tapering to 13" wide x 21" long (48 cm tapering to 33 cm wide x 53 cm long)
Seat Section:	19.5" wide x 19" deep (49.5 cm wide x 48 cm)
Maximum width between arms:	19" (48 cm)
Maximum width w/arms:	26" (66 cm)
Overall length:	
w/o headrest extension	43" (109.2 cm)
w/headrest extension	49" (124.5 cm)
Electrical Input/Power Consumption:	
401	115/60, 2.78 amps (Not available in 230/50)
400	Not applicable
Weight†:	
401	171 lbs (78 kg)
400	138 lbs (63 kg)
Shipping weight†:	
401	230 lbs (104 kg)
400	197 lbs (89 kg)

# Specifications

## Shipping size†:

80" x 32" x 34" (203 cm x 81 cm x 86 cm)

## 705/710\*

Minimum Seat height: 19" (48.3 cm)

Maximum Seat height: 35" (88.9 cm)

Vertical Rise: 16" (40.6 cm)

### Overall length:

w/o headrest extension 72" (182.9 cm)

w/headrest extension 78" (198.1 cm)

Seat width: 21.25" (54 cm)

Maximum width w/ arms: 26" (66 cm)

### Maximum Trendelenburg:

710 30°

705 Fixed 7°

### Electrical Input/Power Consumption:

710 115/60, 3.5 amps

230/50, 1.75 amps

705 115/60, 2.5 amps

230/50, 1.25 amps

### Weight†:

710 298 lbs (135 kg)

705 289 lbs (131 kg)

### Shipping weight†:

710 368 lbs (167 kg)

705 358 lbs (162 kg)

## Shipping size†:

80" x 32" x 34" (203 cm x 81 cm x 86 cm)

## TRC600 and TRC600XL<sup>Δ</sup>

Maximum footprint length: 76.5" (194.3 cm)

Seat Height: 21" (53 cm)

### Seat Width:

TRC600 21" (53 cm)

TRC600XL 25" (63.5 cm)

Overall Height: 49" (125 cm)

Back Height: 31.5" (80 cm)

Seat Depth: 20" (50.8 cm)

### Weight:

TRC600 94 lbs. (42.6 kg)

TRC600XL 111 lbs. (50.4 kg)

### Weight capacity:

TRC600 275 lbs. (124.7 kg)<sup>Δ</sup>

TRC600XL 450 lbs. (204 kg)<sup>Δ</sup>

### Shipping weight:†

TRC600 110 lbs (49.90 kg)

TRC600XL 127 lbs (57.61 kg)

## Shipping size†:

40" x 34" x 30" (101.6 cm x 86.4 cm x 76.2 cm)

<sup>Δ</sup> Bariatric mobile chair is available upon request.

## OSIT Tables

For OSIT 2000, 2001 add one inch to width and depth and 0.5" to height.

Weight capacity (evenly distributed): 300 lbs (136 kg)

### Shipping weight†:

OSIT-1000 85 lbs (39 kg)

OSIT-1001 92 lbs (42 kg)

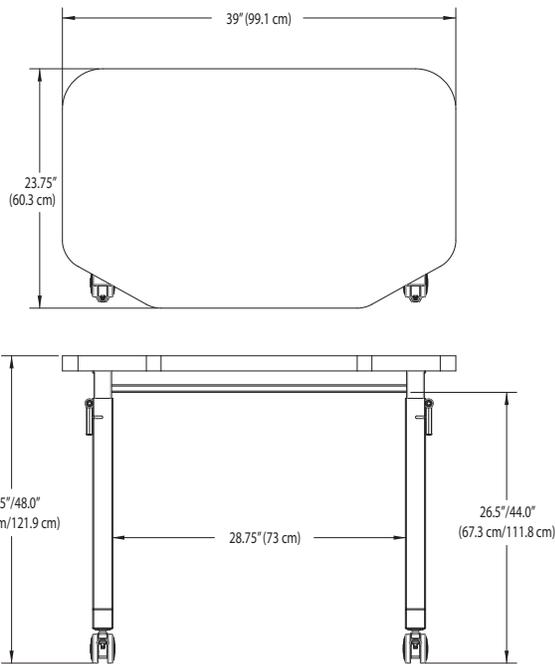
OSIT-2000 108 lbs (49 kg)

OSIT-2001 114 lbs (52 kg)

## Shipping size†:

42" x 27" x 34" (106.7 cm x 68.6 cm x 86.4 cm)

# Specifications



## MTC Cabinets

### MTC-1 and MTC-A

Overall Height (Counter top to floor):	33.5" (85.1 cm)
Overall Width:	24" (61 cm)
Cabinet Depth (Standard Model):	21" (53.3 cm)
Cabinet Depth (Slim Line Model):	18" (45.7 cm)

### Drawer/Door Sizes^:

#### MTC-1

3 Drawers	17.13"d x 19.75"w x 4"h (43.5 cm x 50.2 cm x 10.2 cm)
1 Drawer	17.13"d x 19.75"w x 3.63"h (43.5 cm x 50.2 cm x 9.2 cm)
1 Drawer	17.13"d x 19.75"w x 7"h (43.5 cm x 50.2 cm x 17.8 cm)

#### MTC-A

2 Drawers	17.13"d x 19.75"w x 3.63"h (43.5 cm x 50.2 cm x 9.2 cm)
1 Drawer	17.13"d x 19.75"w x 7.13"h (43.5 cm x 50.2 cm x 18.1 cm)

Doors	17.13"d x 19.75"w x 10"h (43.5 cm x 50.2 cm x 25.4 cm)
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^Slim line versions, depth is 15.13" (38.4 cm)

Weight†:	144 lbs (65 kg)
Shipping Weight†:	199 lbs (90 kg)
Shipping size†:	36" x 28" x 58" (91.4 cm x 71 cm x 147 cm)

### MTC-B

Overall Height (Counter top to floor):	41" (104.1 cm)
Overall Width:	24" (61 cm)
Cabinet Depth (Standard Model):	21" (53.3 cm)
Cabinet Depth (Slim Line Model):	18" (45.7 cm)

### Drawer/Door Sizes^:

#### MTC-B

1 Drawer	17.13"d x 19.75"w x 2.75"h (43.5 cm x 50.2 cm x 7 cm)
1 Drawer	17.13"d x 19.75"w x 4.88"h (43.5 cm x 50.2 cm x 12.4 cm)
1 Drawer	17.13"d x 19.75"w x 7.38"h (43.5 cm x 50.2 cm x 18.7 cm)
1 Drawer	17.13"d x 19.75"w x 7.63"h (43.5 cm x 50.2 cm x 19.4 cm)
Doors	17.13"d x 19.75"w x 10"h (43.5 cm x 50.2 cm x 25.4 cm)

^Slim line versions, depth is 15.13" (38.4 cm)

Weight†:	173 lbs (79 kg)
Shipping Weight:	228 lbs (103 kg)
Shipping size†:	36" x 28" x 58" (91.4 cm x 71 cm x 147 cm)

\*Listed to UL 2601-1 Part 1, CAN/CSA C22.2 No. 601-1 M90 Part 1, European GENELEC EN 60601-1. Safety Standards for Medical Electrical Equipment Part 1, and IEC60601-1-2 (2001-09)-Part 1-2.

† Weight and length will vary depending on options chosen.



**MADE IN U.S.A.**



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