Laboratory Ergonomics	Features/Options	Image	Applications
Arm Supports/Padding	•		
Wedge-Ease Ergonomic Forearm Supports 3" wedge 79597 2" Wedge 79598 Regular Stacker 79599 Mini Stacker 79600 Source: http://www.alimed.com/ProductDetail.asp?styl e=79597&fprd=Wedge- Ease+Ergonomic+Forearm+Supports&oid1=& oid2=	 Vinyl w/ nonslip base Four different sizes can be combined/stacked Also available in ESD Rated Fed Std. 209 and ISO14644 Clean Room Class 100 III 		- Can be used to provide angled and flat forearm support and to protect against contact stress. Can be used in front of microscopes and to support forearms when doing precision tasks. Four styles available in sloped wedge or flat. Can be stacked.
Morency Forearm support for microscopes Source: <u>http://www.morencyrest.com/msm.htm</u> MSM-N-BL – 8" wide MSM-N-BL-T – 5" wide	 8" wide and 5" wide versions. include a clamp the fits from 5/8 to 1 3/4 inch thick work surfaces. Adaptor available for thicker workstations 		Angle-adjustable forearm support for microscope users
Deluxe Edge Rest 73075 Source: http://www.alimed.com/ProductDetail.asp?styl e=73075 Ergomart Ergoworks	 Attaches securely with self- adhesive hook and loop tabs. 1 1/8" thick expanded urethane Black. 22"L x 5"W Self-skinned foam surface wipes clean. 		-Fits over top edge of table surface for protection from sharp edges
Alimed Ulnar Gel Pads 78336 Source: http://www.alimed.com/ProductDetail.asp?styl e=78336&fprd=AliMed%26reg%3B+Ulnar+Gel +Pads+and+Hand+Rest+Gel+Sleeves&oid1= &oid2=	 Gel pads to place under elbow Sold in pairs 		- Useful for pipetting and other high-precision tasks where the elbow rests on a hard surface

Laboratory Ergonomics	Features/Options	Image	Applications
AliEdge Edge Protector, 3'L -75841 AliEdge Edge Protector, 6'L - 75842 Source: http://ww.alimed.com/ProductDetail.asp?style =75841&fprd=AliEdge%26trade%3B&oid1=&o	 Expanded polyethylene edge rest. A hook and loop fastener is included for easy attachment. Closed-cell foam wipes clean 36" long or 72" long x 3 ½" wide, ½" thick. Overhang is 1 3/8" Also available for corners 		- Edge rest. Can be used on the front edge of biosafety cabinets away from the downdraft
id2= SoftEdge Corners 75189/GREY/NA Source: http://www.alimed.com/ProductDetail.asp?styl e=75189	4/pk		Cover sharp corners. Can be used with Aliedge edge protectors
Custom padded sleeves worn under lab coat Source: <u>lindalorrainegloves@feri.com</u> Contact Linda directly to get quote and make arrangements- T: 415-239-2397 F: 415-239-6231	 Custom-made to fit by Linda Lorraine Light and comfortable Mesh fabric breathes well. Need to separately obtain closed-cell foam for pads at elbow and/or forearm (see below) 	White Losse Kesh Sleves	Wearable pads can provide elbow and forearm protection from hard surfaces/edges.
Closed-cell foam to be used in sleeves above (cut to fit) Source: http://www.softknees.com/softknees.html			SoftKnees pads cut for elbows & forearm pads to fit inside sleeves above

Laboratory Ergonomics	Features/Options	Image	Applications
Nuaire Foam Elbow Pads Source: http://www.scientificvisions.com/catalog/produ ct_info.php?cPath=32&products_id=30	 Disposable white foam pad 3/16" closed cell foam Does not absorb liquid Package of 10 Self-stick adhesive tape 		Easy to remove and replace foam elbow pads used to pad surface of biological safety cabinet to reduce soft tissue compression and discomfort.
Micromanipulation – De-Capping Devices			
The Capitator (HS 02) Source: Horizon Specialty Inc. <u>www.horizon-specialty.com</u> horizon-specialty@comcast.net	- Decapping/capping machine		Unscrews and holds cap while container is being processed, then recaps container. Compact enough to be used inside a fume hood
Decapitator 2 Source: Drummond Scientific Company <u>http://www.pipetaid.com/pages/new/new04.ht</u> <u>ml</u> Contact: Chuck Locke 800-523-7480	 Accommodates tube sizes from 0.2 mL to 2.2 mL Comes with a sturdy lab bench stand. 		One-handed method for uncapping micro centrifuge tubes. The unit provides two slots into which the user can insert the appropriate sized tube cap. Once secured, a slight downward pressure opens the tube.

Laboratory Ergonomics	Features/Options	Image	Applications
MicroTube Tool (Pack of 4) EF4321 Source: http://www.daigger.com/catalog/product?deptl d=Microcentrifuge+Tube+Tools&prodId=4321	-		MicroTube Tool Saves wear and tear on your fingers and thumbs! Innovative MicroTube Tool makes it a breeze to open snap caps and screw caps. Convenient two sided, polypropylene tool features snap-cap opener on one side and a screw-cap device on the other. Pack of 4.
Microcentrifuge Tube Opener 199250001 Source: http://www.belart.com/shop/199250001- microcentrifuge-tube-opener-p- 199250001.html?cpath=18_114&oscsid=xogo eikoq	 79mm (3 1/8") long 3 per bag One end opens 1.5 to 2.2ml tubes Forked blade on opposite end opens smaller sizes: 250m, 400m, and 550m tubes 		Tube opener easily open all sizes of micro centrifuge tubes with just one hand.
Jar Openers			
Dycem Multi-Purpose Jar Openers http://www.amazon.com/dp/B002BUKCV4/ref =asc_df_B002BUKCV4845487?smid=A2VST Q09J8RDTA&tag=dealt15484- 20&linkCode=asn	 Non-slip plastic dome or sheet Sheet diameter is 5 1/2" Dome measures 2" high and 4 1/2" in diameter 1/8" thick Latex free. 		Facilitate removal of stubborn jar and bottle lids. Simply place nonslip plastic dome or sheet on lid, grasp tightly and twist.

Laboratory Ergonomics	Features/Options	Image	Applications
Un-Skru Jar Opener Source: http://www.dynamic-living.com/product/unskru- jar-opener	 Must be attached to underside of cabinet base Can open jars using one hand 		Wedge the jar lid firmly between the metal gripper post and the appropriate edge of the jar opener and twist. (The metal post can grip lids well because it has 'teeth'.) The white Un-Skru jar and bottle opener will open bottle caps and lids up to 4.75" in diameter.
Progressive International Multi-Opener Source: http://www.amazon.com/Progressive-GT- 2950-International-Multi- Opener/dp/B0008D7GO2/ref=pd_sim_k_1	 Opens 6 different types of seals and lids Durable and comfortable grip It has a hidden blade that zips open bags 		Jar and seal opener that can be used with a variety of seals, lids and bags.
Micromanipulation Tools and Padding			
Thermo-Pellets 1 # NC32511 for custom handles Source: http://www.ncmedical.com/item_961.html	- 1 and 3 pound packages		Low-temperature thermoplastic pellets mold together quickly and easily to adapt handles, splints and equipment. The pellets can be used to build up handles. When heated to 140 degrees F (60 degree C), pellets soften quickly and can be formed into a mass that can be molded and remolded as needed. Heat in water, on a heating plate or in a microwave oven. The thermoplastic will stick to most porous surfaces.

Laboratory Ergonomics	Features/Options	Image	Applications
Precision hand tools with foam/molded grips Source: http://excelta.com/marketplace/browse.asp?ca tegory=396 http://www.timemotion.com/Products/Tweezer- -5-SA-ETExcelta-TweezersWAS-03- 34021.aspx	 Multiple styles of precision hand tools Foam grips 	ENER	Molded and foam grips for precision hand tools manufactured by Excelta. Other tool modifications available with bulk orders.
Low Force Forceps Source: http://www.surgipath.com/us-en/Products/5-1- 2-ergonomic-forceps	 5 ¹/₂" low force forceps 7" low force forceps 		Reduces force required to hold specimens in forceps while processing.
Dumont Medical Tweezers with Clamping Ring Source: http://www.emsdiasum.com/microscopy/produ cts/tweezers/dumont.aspx	 Variety of sizes Clamping ring to lock in closed position 		The clamping ring eliminates the need to apply constant finger pressure for gripping.
Negative-Action Style Tweezers (Self-Closing) Source: http://www.emsdiasum.com/microscopy/produ cts/tweezers/dumont.aspx Storage Bins, Racks and Holders	 Variety of sizes Default position is closed rather than open 		Negative-Action Style Tweezers (Self-Closing) eliminate the need to apply constant finger pressure for gripping.
Double Bin Storage SV-7014 Source: http://www.scientificvisions.com/catalog/produ ct_info.php?cPath=32&products_id=37	 Flip-top Lids Slide Resistant Rubber Feet Each Bin: 6" x 5" x 6" 		For Storing Microtubes, Pipet Tips or any Bulk Items Angled openings

Laboratory Ergonomics	Features/Options	Image	Applications
Acrylic Dispensing Bins ML9541 ML9542 ML9540 Source: http://www.marketlabinc.com/products/details/ 164	 ML9541 Small Bin 5.25"W x 9"D x 8.5"H ML9542 Medium Bin 6" x 10"D x 10.5"H ML9540 Large Bin 	ML9540 ML9542 ML9541	The flip top lids on the top and on the front of these general use dispensing bins keeps supplies clean and dust-free. The lid is designed to have a slight overhang, so you can lift it and pick up the items inside with one hand. Holds tube caps, cotton balls, pipette tips, analyzer cups.
Horizontal Pipette Holder SV-7020 Source: http://www.scientificvisions.com/catalog/p roduct_info.php?cPath=32&products_id=74	 Size: 20" W x 5" H x 10" D Accessible Storage of 1ml - 25ml Pipettes Easy-to-Clean White Plastic Lightweight and Durable 	10 15 15 16 16	Horizontally Mounted Under Shelf or Cabinet
Vertical Pipette Holder SV-7010 Source: http://www.scientificvisions.com/catalog/produ ct_info.php?cPath=32&products_id=35	 Accessible Storage of 1 ml to 25 ml Pipettes Easy-to-clean White Plastic Lightweight and Durable 		Can be Vertically Mounted on Side of Safety Cabinet or Laminar Airflow Hood
Pipette Racks http://www.marketlabinc.com/products/details/ 1036	- Measures 3.5" w x 11.5"d x 16"h.	ML2170	Tilted acrylic pipette rack with four angled compartments for easy retrieval of pipettes. Constructed of durable acrylic. Holds 0.1 to 25ml pipettes or cans and has small footprint.

Laboratory Ergonomics	Features/Options	Image	Applications
Turntable Workstations EF1120A – 1 tier EF1120B – 2 tiers EF1120 – 3 tiers Source: <u>http://www.daigger.com/catalog/product?deptl</u> <u>d=&prodId=1120#</u>	 Solid, chemical-resistant PVC, easy 360° rotation. Available with one, two or three tiers. Each tier has four 6 x 6" compartments. 	2 tiers 2 tiers View of the second se	Single or stacked turntable organizer can be used in deep cabinets, corners, or shared workstations to reduce reach and optimize storage
ML9970 Deluxe Rotating Organizers Source: http://www.marketlabinc.com/products/details/ 332	 14"L x 13.5"W x 12.5"H Easy fingertip rotation for quick access to supplies Extra large capacity within a small 1 square foot footprint Built-in dispensers and compartments fit a wide variety of office and lab supplies Constructed of durable PVC 	1 tier	Turntable organizer can be used in corners or shared workstations to reduce reach and optimize storage

Laboratory Ergonomics	Features/Options	Image	Applications
Organization Station ML7324 Source: http://www.marketlabinc.com/products/details/ 469	 14"W x 11"D x 11"H Customizable microscope organizer Detached divider boxes allow you to customize your storage; simply attach them with double- sided foam tape included Constructed of acrylic 	ML7324	Customizable microscope organizer with detachable boxes that can be placed where desired with double sided foam.
ML2117 Medium Step Shelf Source: http://www.marketlabinc.com/products/details/ 344	 18"L x 6"W x 10"H Utilizes vertical space Designed to fit over gas and water outlets or other protrusions Cords and wire fit through space at lower back 	ML2118 ML2117	Instant Step Shelves make use of vertical space, and keep items up and out of the way on wet surfaces. Designed to fit over gas and water outlets or other protrusions. Cords and wires fit through the space at the lower back.
Benchtop Organizers (multiple styles and sizes) Source: www.marketlabinc.com/products/category/61	 Multiple sizes and styles of benchtop organizers and storage bins 	ML2556	Variety of sizes and styles of organizers with drawers and bins to use on lab benches and in fume hoods.

Laboratory Ergonomics	Features/Options	Image	Applications
Cleanware, Bag, HDPE, Laboratory Waste, 8X10", 50/Pkg 60-131741008 Cleanware, Bag, HDPE, Laboratory Waste, 12x16", 50/Pkg 60-131741012 Source: http://www.sciencelab.com/page/S/PVAR/236 77/60-131741008	 White bags are made of High Molecular Weight High Density (HMHD) Polyethylene which is steam autoclavable at 121°C (250°F). Maximum weight of contents should not exceed 1.36 kg (3 lb.). 		Disposable waste bags with an adhesive strip across the top frees bench or hood space when hung from walls, cabinets, or virtually anywhere. Can reduce reaching. Peel off the backing and hang close to your work area. The back panel is longer than the front for easy opening.
Lab Assistant with small tray ML3791 Tray – 13.5" x 11.5" x 1" Lab Assistant with large tray ML3792 Tray – 18" x 14" x 1"	 Floating reticulation arm that allows positioning of tools and supplies close to the worker Six mounting configurations 17" vertical range Moves up, down, side-to-side; platform tilts. 	Here were determined of the second of the se	Allows positioning of tools and supplies within close reach to increase work space and reduce excessive reaching. Comes in three different configurations for different tasks including histological work, phlebotomy, and laboratory work.
Turntable NU-977-001 Source: http://www.scientificvisions.com/catalog/defaul t.php?cPath=26&sort=2a&page=3	 100% Stainless Steel Autoclavable Easily Cleaned and Sterilized 12" Diameter Stainless Steel Ball Bearing Design 		Stainless steel rotating table brings work closer to the user to decrease reaching and allows more efficient use of space. Can be used in biosafety cabinets.
Microscope Positioners/Adapters Positioning plates	Solid construction with non-skid		Good posture is critical when working at a microscope.
\$99.00 Source: http://www.marketlabinc.com/products/details/ 11	 Weighted for stability Positioning Plate = 11.5"L x 8.5"W x 2"H Height adjustability between 2" to 2.75") 	ML8350	The Microscope Positioning Plate allows you to adjust your scope's height from 2" to 2.75" by simply dialing the thumb wheels in the corners. The threaded leveling feet on the plate allow you to dial to an infinite number of heights and ergonomic positions.

Laboratory Ergonomics	Features/Options	Image	Applications
Point-O-Care Adjustable Microscope Base AF340 Source: http://www.medexsupply.com/products/pid- 11810/PointOCareAdjustableMicroscope.htm	 Large 14.5" x 8.5" powder coated steel plate will accept most all brands of microscope 2" of adjustment from 1" to 3" Infinite number of heights and angles by adjusting threaded leveling feet Non-skid feet 		Perfect posture is just a knobs turn away with this adjustable microscope base. Raise and/or tilt your microscope into the ergonomic position you need.
Microscope Stands Source: - http://www.microscopeworld.com/MSWorl_d/SearchResult.aspx?CategoryID=271&g clid=COWguJmiwJsCFRFMagodmhgHA <u>A</u> - http://www.professionalmicroscopes.com/microscope-stands.html	 Available for variety of models and applications Adjustable height, tilt and horizontal positioning 		Mounting brackets and stands used to position microscopes and microscope components to reduce eye and neck strain associated with prolonged microscope use.
Scopease Microscope Support Source: - www.imebinc.com/Item/SC101.htm	 System includes base unit, 2 armrests, 3 tilting bars Padded armrests Tilts microscope 3 models available 		The Scopease system was designed to adjust the position of a variety of microscopes. The soft armrests are adjustable by removing 1" segments of the foam. The microscope can be tilted at any of 9 angles with the adjusting bars.
ErgoAdapter Source: http://www.bayoptical.com/ergoadapter.html	 Simple locking knob adjusts microscope height High-precision, stainless steel, linear ball bearing Height adjustment range of +3/4" to +5 inches Can rotate 180° for left-or right- handed operation Optical and mechanical alignments constant at any position or inclination angle 		ErgoAdapter inserts between microcope binocular head and optics carrier. When work surfaces are set at elbow height to facilitate hand operations, the ErgoAdapter allows users to set the microscope's eyepiece height to achieve a good ergonomic neutral posture. Adjustability eliminates raised shoulders and bent necks, which can cause discomfort.

Laboratory Ergonomics	Features/Options	Image	Applications
Extended Eyetube Binocular Source: http://www.bayoptical.com/extendedeyetube.ht ml	 90MM extension Available as a new item or as a retrofit of existing binocular head (depending on the binocular model) Can be combined with the ErgoAdapter and an Optical Wedge for greatly enhanced workstation flexibility 		Extended Eyetube Binocular is an ergonomic device for use with quality stereomicroscopes. Its longer-than- standard eyetube length enables the microscope user to comfortably move back from the workstation, helping to relieve postural fatigue. Ideal for most microscopes, especially those used with machines, bonders, heated stages, solder stations, under hoods or anywhere operators are otherwise forced into a cramped viewing posture.
Optical Wedge Source: http://www.bayoptical.com/opticalwedge.html	 Easily installed due to self- aligning flanges Offers a 0° or 90° in-line viewing angle Maintains parfocality and optical alignments at any inclination angle 	Optical Wedge	Adds new flexibility to microscope workstations. 0°/90° Optical Wedge is positioned between the binocular head and the optics carrier. It complements existing 45° binoculars, providing two additional viewing angles. Costs less than half of a straight tube binocular and offers three times the flexibility.
ISIS Ergonomic Eyepiece Source: http://www.optimaxonline.com/newsdetails.ph p?newsId=23	 Fits most brands of conventional binocular microscopes Expanded-Pupil technology expands field of vision Enables wearing of prescription spectacles Eliminates direct contact with the eyepieces Removes optical the disturbances known as mouches volantes (floaters) Far less costly than replacing entire instrument 		Vision Engineering's ISIS microscope eyepieces are patented 'Expanded-Pupil' eyepieces designed to replace the conventional eyepieces of well known, other brand instruments. ISIS increases radial and axial head freedom by at least 8 times that of conventional eyepieces and greatly improves the visibility of optical information across the entire field. A unique eye distance of 38mm allows glasses to be worn in complete comfort, with common weaknesses (long and short sight astigmatism) no longer affecting user efficiency. Designed to fit most microscopes with standard diameter eyepiece tubes (23mm or 30mm) and can be used with many microscopes, including Kyowa, Leica, Meiji, Motic, Nikon, Olympus, Wild, Zeiss.

Laboratory Ergonomics	Features/Options	Image	Applications
Fluorescent Ring Light System Source: http://www.microscopeworld- professional.com/detail.aspx?ID=251	 Your choice of 110v or 220v power supply Inside diameter of ring is 60mm Lamp life 1,500 hours Color temperature 6500K 		Lightweight, compact, and rugged, this ring illuminator provides 360 degrees of cool, white, shadow-free illumination. For use with EM Series stereo microscopes (adapter required).
Microscope Video Systems Sources: - www.scientificdevice.com - www.usbdigitalmicroscope.com - www.office-products.cn/trade/nanonist-2- 0-mega-digital-microscope-eyepiece- 11375 - www.microscopesfromnightengale.com	 Easy to attach to a microscope Variety of magnifications available Provides wider viewing area and increased working distance 		Camera systems provide remote viewing of microscope image on computer monitor to eliminate awkward head and neck postures associated with viewing through an eyepiece.
Meiji Graduated Mechanical Stage MA564 Source: http://www.microscopeworld- professional.com/detail.aspx?ID=65			Graduated mechanical stage for Meijji microscope to reduce awkward reaches required to position lab tissues and cells for observation.
Microdesk Source: http://www.backdesigns.com/store/Regular- Microdesk-P555C66.aspx	 Transparent acrylic Adjustable height and slope Two sizes available Removable bottom lip accommodates large documents and media (e.g., blueprints, x-rays). Easily lifted and stored when not in use. 		The Microdesk is an adjustable sloped writing platform for the keyboard work position. It enables easy access to the keyboard while working with papers and books. Prevents reaching and twisting as your papers are placed directly in front of you. Can be used to "stack" work to keep materials within close reach zone.

Laboratory Ergonomics	Features/Options	Image	Applications
Pipettes and Accessories			
Rainin Pipet Lite LTS	 Reduces pipetting force by 70% Magnetic assist locates and holds zero position LTS tip ejection system reduces tip ejection force 		Pipet Lite reduces total force by 70% .Magnetic assist helps locate and hold zero position for improved results. LTS® LiteTouch Tip Ejection for ultralight tip ejection. Reduces your risk of RSIs. Uses LTS® tips only
Rainin EDP3 Plus Advanced Electronic Pipette (Single and Multichannels available) Source: http://www.rainin.com/products/product_list.as p?class=46	 Reduces pipetting force by 95% Seven pipetting cycles LTS tip ejection system reduces tip ejection force 		Reduce pipetting forces by 95%. Advanced Ergonomic Pipette Pipet, multidispense, titrate, dilute, volume sequence, GLP, and seven options.LTS® tips for ultralight tip ejection. Includes Li-Ion battery, 3000 cycles per charge. Order charging devices separately
Biohit MLine pipette (Single and multichannel pipettes available Source:	 Low force Light weight Volume locking button Patented <u>Optiload</u> tip loading mechanism for perfect tip sealing and effortless tip ejection Clear and easy-to-read display with big numbers and small increments Volume range colour-coding for easy pipette selection and 5 colour-coding caps 		Biohit mLINE is light weight and has a short length. It has an easy to read and adjust volume dial. Plunger depression and tip ejection forces are low.

Laboratory Ergonomics	Features/Options	Image	Applications
BioHit eLine Electronic Pipettes (Single and multichannel available) Source: http://www.biohit.com/view/products.asp?docu ment_id=612	 High accuracy and precision with unique DC motor concept Light tip ejection with the unique electronic tip ejection Can be used with left or right hand Patented <u>Optiload mechanism</u> in multichannel models for perfect tip sealing 6 user defined pipetting protocols for easy recalls Different charging options (charging stand, charging carousel and direct charging) 		The fully electronic design of the Biohit eLine pipette and the electronic tip ejection system make pipetting faster and easier. The Biohit eLINE pipettes are available in single- channel models covering the volume range from 0.2 μ l to 5000 μ l and in 8- and 12-channel models from 0.2 μ l to 1200 μ l. The lower parts of the eLINE pipettors are autoclavable (excluding the multichannel 50-1200 μ l pipettors).
Vistalab Ovation Manual and Electronic Single and Multiple Channel Pipettes Source: http://www.vistalab.com/OvationProductsMenu .asp	 Low-force, form-fitting plunger manually controls aspiration and dispensing speeds with minimal effort Light tip ejection force Adjustable finger hook Disposable battery 	Roos	Unique design of Vistalab Ovation reduces shoulder elevation, wrist deviation and wrist flexion and extension.
Pipette Carousels Source: <u>http://www.biohit.com/view/products.asp?docu</u> <u>ment_id=1029&cat_id=276</u> http://www.biohit.com/view/products.asp?docu ment_id=1029&cat_id=276	 Carousel for 6 pipettes in a minimal space for storing all Research pipettes (single and multi-channel) Carousels available for variety of models of pipettes 		The rotating pipette stand makes for an organized workplace. The new kind of attachment means that the pipette is no longer held at the bottom, ruling out potential contamination of a pipette by it being put on a stand.

Laboratory Ergonomics	Features/Options	Image	Applications
Pipette Linear Stands http://www.biohit.com/view/products.asp?docu ment_id=1029&cat_id=276	 Pipettes can be placed on both sides to optimize space - 		Biohit Linear Stand is especially designed for mLINE, Proline mechanical and ePET electronic pipettors. The unique design of the new Biohit Linear Stand allows the pipettors to be placed on both sides of the stand, which enables it to hold more pipettors at the same time compared to conventional linear stands on the market. Thus the stand saves valuable bench space in the laboratory and the pipettors can be reached from both sides of the laboratory bench.
FinnPipette Focus Short Source: http://www.thermo.com/com/cda/product/detail /1,,15882,00.html	 Snap on handle cover in 3 sizes Soft tip ejection Short cone tip Fast volume adjustment 		FinnPipette Focus Short is an extremely accurate and precise pipette. Innovations include the handle covers available in 3 sizes and the short cone tip length to reduce shoulder elevation when pipetting.
FinnPipette Novus Electronic Single Channel Pipette Source: http://www.thermo.com/com/cda/product/detail /1,,116521,00.html	 Backlit display Trigger action buttons allow dispensing with index fingers reducing thumb motion Adjustable finger rest Lightweight 10 pipetting functions 9 speeds 6 language interface 		Finnpipette Novus is the first electronic pipette is the first pipette to have backlit technology. It is lightweight and has an adjustable finger rest for use with either hand. It's multiple pipetting functions and multiple speeds make it one of the most versatile electronic pipettes on the market.

Laboratory Ergonomics	Features/Options	Image	Applications
FinnPipette Novus Electronic Multi Channel Pipette Source: http://www.thermo.com/com/cda/product/detail /1,1055,10120040,00.html	 Backlit display Trigger action buttons allow dispensing with index fingers reducing thumb motion Adjustable finger rest Lightweight 10 pipetting functions 9 speeds 6 language interface 		Finnpipette Novus is the first electronic pipette is the first pipette to have backlit technology. It is lightweight and has an adjustable finger rest for use with either hand. It's multiple pipetting functions and multiple speeds make it one of the most versatile electronic pipettes on the market.
Magnifier Lamps # 45-3357 Source: http://www.sciencelab.com/page/S/PVAR/101 75/45-3357	 2X magnification, 36 in. reach Convenient front handle Spring counterbalance Control knobs lock magnifier in place Large viewing area, 4 x 21/2 in. Incandescent 60w bulb 120V 60Hz, 0.5A UL listed and CSA approved 		Adjustable position light magnifier can reduce awkward postures and eye strain when viewing laboratory tasks that require magnification.
Laboratory Scissor Jack - Stainless Steel, Plate Size 6"x6" - 10-9003 Laboratory Scissor Jack - Stainless Steel, Plate Size 8"x8" - 10-9004 Source: http://www.sciencelab.com/page/S/PVAR/10- 90034	 Laboratory Jack 10-9003 collapsed height is 3" and expanded height is 10". Laboratory jack 10-9004 collapsed height is 3.5" and expanded height is 10.25". 		Laboratory scissor jacks constructed of high quality stainless steel to raise equipment height. Supports up to 200 lbs. Two plate sizes.
Test Tube Clamps Source: http://www.indigo.com/science-supplies/gph- science-supply/lab-support-stand.html	 Clamps can support test tubes and flasks Support rings hold beakers & flasks 		Clamps with stands that hold and position test tubes or cylinders to minimize static postures associated with holding them for extended periods of time

Laboratory Ergonomics	Features/Options	Image	Applications
Flexible Gooseneck Arms with Electrode Holder Source: http://www.belart.com/shop/183152322- flexible-with-weighted-base-p- 183152322.html?cPath=19	 46cm (18") long x 25mm (1") in diameter arm One end has a 12.7mm (1/2") diameter stainless steel pin for attachment to a clamp or base. Attach electrode holder to other end Molded of chemical and corrosion resistant acetal copolymer links with ball-and- socket joints Base and electrode holder sold separately• Chemical resistant 		Flexible gooseneck arm and base with electrode holder can be used to position a Ph meter or similar tool and eliminate prolonged gripping of tools.
Bottles and Dispensers			
Plastic Wash Bottles (Squeeze Bottles) Source: http://www.daigger.com/catalog/product?deptl d=&prodId=2757D	 Low density polyethylene with leakproof screw cap 1-pc. cap/spout 		Transfer small amounts of unmeasured liquids in place of test tubes or beakers.
Graduated Cylinder with Handle Source: http://www.usplastic.com/catalog/product.asp? catalog%5Fname=USPlastic&category%5Fna me=14&product%5Fid=12826&cookie%5Ftest =1	 Standard polypropylene Double scale and octagonal base Steam autoclavable at 250°F 	ŀ	The generously sized handle makes pouring from a tall cylinder safer and more convenient
3181 Bottle Jacket Source: http://www.labsafety.com/search/bottle+jacket/ 35585/3181/?isredirect=true	 Tough polyethylene shell encapsulates a 4L or 1-gal. bottle Two-piece jacket with unique threading design firmly connects top and bottom Blocks out light to reduce solvent degradation. 		Easy grip handle improves ability to grip and pour gallon or 4-liter bottles of liquids. Reduces spill hazards in case of breakage.

Laboratory Ergonomics	Features/Options	Image	Applications
Brinkmann Bottletop Dispensers Source: http://www.daigger.com/catalog/product?deptl d=&prodId=20565&q=bottle+dispensers	 Precise volume settings Filling tube adjusts to fit reagent bottle Dispensers rotate 360° Calibration certificate 		The Brinkmann Bottletop Dispensers make reagent dispensing as quick and easy as possible. Dispensers are available in fixed-volume or adjustable volume sizes to cover the range of 0.5 to 100 mL.
Two Handle Dispensing Jugs 1026 Nalgene Safety Dispensing jug Source: http://www.labsafety.com/search/jug/2452996 3/	 Low-density polyethylene jug includes top and bottom safety handle Guaranteed leakproof Permanently attached pour spout reduces splash 83mm polypropylene closure Not autoclavable. 		Double-handle design makes carrying and pouring easier and safer to accomplish.
Bottom Dispensing Carboy www.daigger.com www.usplastic.com	 Bottom dispenser Rounded octagonal shape increases strength Offset neck makes pouring easier. 		Bottom dispensing carboy used to dispense large volumes of liquids from bottom of container. Eliminates need to lift bottle and pour or twist off cap or lid.

Laboratory Ergonomics	Features/Options	Image	Applications
Chairs, Footrests and Mats			
SomaHybrid Sit-Stand and Medical Stool Source: http://www.soma.tv/content/chairs/somahybrid. shtml	 Available in multiple seat sizes and styles RSI-preventive Thorsac™ backrests Three multi-adjust mechanisms Large 5-leg base for stability! Easy-to-reach adjustments 		It's a chair, it's a stool, it's a chest rest. You can sit, you can stand, you can move with the SomaHybrid™ chair and change positions while you work to reduce fatigue.
Bambach Stool Source: http://www.backdesigns.com/Bambach- Saddle-Chair-P566C158.aspx	 Seat tilts 5° backward and 10° forward for comfort. 27" base is provided with tall lifts used with a footring for greater stability at no additional charge. Oversize 60mm hooded casters for smooth rolling on carpet or hard floors. Optional braking, locking, and industial casters also available. 		The Bambach Saddle Seat is shaped like a saddle to enable the body to maintain ideal posture when sitting. There is no need for direct lumbar support because the correct lumbar curve is maintained naturally rather than artificially.

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Hag Capisco Laboratory chair Source: http://www.ergodepot.com/HAG_Ultrasound_ Chair_p/8106u.htm	 Non-traditional saddle seat design. Flat seat is available at no additional charge. Adjustments: seat depth, seat height, back height, tilt tension backward, and three-position tilt lock. Provides full trunk and arm support when seated backwards. Aluminum base with curved/arched footring 		HAG's award-winning Capisco chair can be modified for ultrasound, radiology and laboratory applications. The tall 265mm lift offers nearly ten inches of seat height variation. And the footring (or optional Step-Up) allows for infinite positions for your feet. Ideal for sit/stand applications, the chair encourages creative, alternate sitting positions - forwards, backwards or sideways.
Labster BIMOS Chair Source: http://www.industrysearch.com.au/News/New_ Bimos_Labster_Worlds_First_Pure_Lab_Chair -35827	 Clean design with no harp edges or crevices Covered star base for stability and easy cleaning Height adjustable footrest Compact footprint Seat tilt Tilting molded backrest 		The Labster from BIMOS Germany is specifically designed for laboratory work , with no sharp edges or crevices and a closed base for easy cleaning. Compact design provides small footprint for small spaces. Labster's special "work function" backrest with specially moulded polyurethane features a unique ventral support. The seat unit flexibly adapts to the corresponding position of the body and permits ergonomic work in postures that are typical for labs, where operators often spend long hours with the upper part of their body bent forwards, for example when pipetting or working at a microscope.
Adjustable footrest SV-973-700 Source: http://www.scientificvisions.com/catalog/produ ct_info.php?cPath=26&products_id=33	 Adjustable Slide Resistant Rubber Feet Easily Cleaned Non-skid Foot Surface 		Adjustable, tall, heavy duty footrest provides support for feet when sitting at lab bench or using safety cabinet.

Laboratory Ergonomics	Features/Options	Image	Applications
ISE Steel Frame Footrest Source: http://airtechcorp.stores.yahoo.net/qfstlisestfr. html	 23.5" w x 13.5"d x 17" h Adjusts in 1" increments between 4-14" in height 3 tilt angle adjustments Steel platform on non-skid pads 	一一	Very sturdy footrest can be used to support feet when working at lab bench or in safety cabinet or hood.
BioFit Industrial Foorest Source: http://www.labsafety.com/BIO-FIT-Industrial- Footrests_24548808/	 Adjust height in 1 in. increments from 3-11 in. Fixed 10° slope Nonslip rubber matting coating Durable steel tubing frame with powder coat finish 	H	Industrial grade footrest that can support feet when working at a lab bench or safety cabinet.
	 Height adjustment in 1" increments from 6" to 15" above the floor Fluid rocking motion automatically adjusts with changes in body position. Heavy gauge steel frame Large 23"w x 11.25"d platform 		Adjustable, tall , and heavy duty footrest provides support for feet when sitting at lab bench or using safety cabinet.
Ortho Mat Floor Mats Source: http://airtechcorp.stores.yahoo.net/protormat.h tml	 Closed cell mat eliminates absorption of liquids, fluids and airborne pathogens Infection control "antimicrobial" prevents mold, mildew and bacterial growth Light weight, easy to clean. disinfectants. Custom sizes available 		Floor mats designed to reduce back, leg, foot, and ankle fatigue when standing for prolonged periods to complete lab tasks.
Dawg Vinyl Floor Mat 488 Source: http://www.dawginc.com/floor-safety/anti- fatigue/vinyl-mat.php	 Vinyl non-porous surface with Nitricell sponge base Anti-microbial Abrasion and chemical resistance 		Floor mats designed to reduce back, leg, foot, and ankle fatigue when standing for prolonged periods to complete lab tasks.

Laboratory Ergonomics	Features/Options	Image	Applications
SATech SmartCell Anti-Fatigue Mats and Flooring Source: http://www.satechinc.com/products_mats.htm	 Durable natural rubber Matrix of hollow cylinders that function like spring 		SmartCells® anti-fatigue mats enable workers to stand comfortably for long periods while minimizing the fatigue and pain associated with standing work.
Countertop Extender Source: http://cndproducts.com/labcare.php	 Dual slide out work surfaces Shelves then store neatly under the raised work surface when not in use Non-skid, anti-vibration feet Can be cleaned with disinfectant 	Point-O-Care.com	Countertop Extender instantly adds valuable work space to any counter. It has dual slide out work surfaces to allow extra work space on any bench. The two spring-assisted shelves then store neatly under the raised work surface when not in use. The rugged construction can support even heavy bench top equipment. The non-skid, anti-vibration feet will keep the countertop extender in place.