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Exciting New Products



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Educational Products & Services

BEST SELLERS!



Model 205RLED

10X Eyepiece Widefield, 4X, 10X, 40XR

DIN Objectives, LED Rechargeable

Coarse and Fine Focus

List Price \$255.00

Your Cost \$229.50

BEST SELLERS!



Model BMT-402D-LED 10X

Eyepiece Widefield, 4X, 10X, 40XR

DIN Objectives, LED Corded

Illuminator Coarse and Fine Focus

List Price \$279.00

Your Cost \$230.00

Volume 35



B200 W-0

Notched and tiered beam, front beam calibration

0.1g sensitivity, Middle beam 500gx100g, Rear beam

100gx10g, Platform size 15cm

List Price \$175.00

Your Cost \$115.00



Ohaus NV 222

Capacity 220g

Readability 0.01g

List Price \$456.00

Your Cost \$410.40

LOW PRICE GUARANTEE

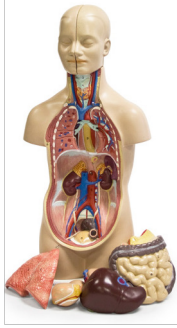
Contact us and we will Beat Competitors Prices on equal Products!

Walter Sexless Human Torso - 12 Parts

This 12 part, 50cm sexless human torso is appropriate for use in any classroom. This torso shows the major body systems and many anatomical features are numbered, which can be identified using the accompanying key card. 12 removable parts:

- Torso
- 1/2 of the brain
- Stomach
- 2 lungs
- 2 part head
- Liver
- 2 part heart
- Intestines and cecum cover

Dimensions: 20.5" x 9.5" x 6" (52 x 23 x 15cm) **B10106.....\$185.00 /ea.**



Walter 17-Part Sexless Human Torso w/ Open Back

This 17 part sexless life size human torso is appropriate for use in any classroom. This classic torso shows the major body systems in detail. The head is opened, exposing one half of the brain and the neck is dissected to show muscular, glandular, vascular, and neural structures. The thorax and abdomen are removable allowing easy observation of the internal organs while the back is opened and dissected showing the vertebral column, spinal cord, and nerve endings. Further examination of the spinal cord is also possible with the removal of one of the thoracic vertebrae.

17 Removable Parts include the following:

- Half Bladder
- Torso
- Cerebellum
- Half Kidney
- Colon w/ Pancreas
- Cerebrum
- Right Lung w/ Rib
- Liver
- Stomach (2 parts)
- Left Lung w/ Rib
- Heart (2 parts)
- Cecum Cover
- Intestine
- 7th Thoracic Vertebrae
- Removable Transverse Colon

Dimensions: 13" x 10" x 34" (33 x 26 x 87cm)

B10107.....\$531.00 /ea.

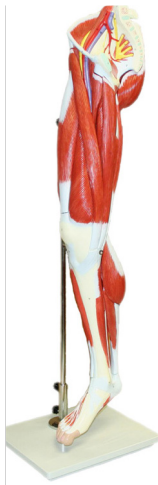
Walter Muscles of the Human Leg - 13 Parts

Discover the muscles of the human leg with this life-size 13-part leg model. Easily examine the deep leg muscles by removing the superficial muscles. Vasculature, nerves, and ligaments can also be studied.

Removable parts: gluteus maximum, tensor fascia lata, sartorius, gracilis, rectus femoris, biceps femoris(2), semitendinosus, semimembranosus, extensordigitorumlongus, gastrocnemius, soleus, and sole of the foot.

Dimensions: 42.5" x 9.5" x 12.5" (108 x 25 x 32cm)

B10434.....\$497.00 /ea.



Walter Muscle of the Human Arm - 7 Parts

Discover the muscles of the human arm with this life size 7-part arm model. Easily examine the deep arm muscles by removing the superficial muscles, and locate the palmar aponeurosis in the hand. The hand and shoulder are also well presented for detailed study of the muscles comprising the rotator cuff and hand. Vasculature, nerves, and ligaments can also be examined. Removable parts: Deltoid muscle, biceps muscle, triceps muscle, long palmar muscle with radial flexor muscle of wrist, brachioradial muscle with radial extensor muscle of wrist, palmar aponeurosis.

Dimension: 27.5" x 11.5" x 12" (70 x 29 x 30cm)

B10435.....\$305.00 /ea.



Walter Jumbo Heart Model- 5 Parts

This 5-part model is 5X larger than the human heart. Sectioned along the anterior plane, this heart model shows the internal structures and cardiac valves that are important to learning the functions of the heart. The left and right ventricles can also be compared and examined in detail. Dimension: 10" x 8" x 11" (25 x 20 x 27cm)

B10471.....\$154.00 /ea.



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Since 1986, Capital Microscope Services, Inc. has made a commitment to providing our customers with quality educational products and services at very affordable prices. This catalog presents only a partial selection of our product line. Please contact us for a complete overview of our products.

TERMS

Terms for schools and teachers are net thirty (30) days. Orders from individuals must be accompanied by a check or money order. All orders are subject to acceptance by Capital Microscope Services, Inc.

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Common Microscopes Accessories Through Capital Microscope Services
Visit www.capitalmicroscopeservices.com for complete listings

Objective Lenses for Compound Microscope

CAT NO.	DESCRIPTION	PRICE
58A-0140 DIN	4X Achromatic	\$25.00
58A-0142 DIN	10X Achromatic	\$40.00
58A-0144 DIN	40X Achromatic	\$65.00
58A-0149 DIN	100XR Achromatic	\$129.00

Eyepieces for Compound Microscope Miscellaneous Parts

CAT NO.	DESCRIPTION	PRICE
58A-0110	Widefield - DIN 10X	\$46.00

Miscellaneous Parts

CAT NO.	DESCRIPTION	PRICE
UHL	Thick, reinforced nylon carrying case, custom fit to most microscopes	\$105.00
GBP-S	Standard Bulb (specify microscope)	\$15.00
GBP-H	Halogen Bulb	\$15.00
900	Push-In Illuminator	\$65.00
58A-0262	Bolt-On Illuminator	\$65.00
58A-0272	Mechanical Stage	\$65.00
58A-0333	Dust Cover/Clear Plastic	\$15.00
58A-0333N	Nylon Dust Cover	\$20.00
GBP-F 5W	Fluorescent Bulb	\$20.50

Digital Cameras



These Motic cameras allow you to adapt your existing microscopes to a variety of output sources All motic cameras come with CS ring adaptor 2 ea. Eyepieces adaptors to fit eyepiece O.D.'s of 28mm - 38mm.USB cable (removable) for use with switching power adapter Calibration slides Software CD Motic Images 3.0 Macro Viewing Tube

Moticam X5 wifi: 4 MP, Wireless Digital camera. Viewing Method on wifi enabled devices only. **List Price \$422.00 / Your Cost \$400**

Moticam A1: Works on Computer only. 1.3 Megapixels for 1/3 inch CMOS chip. **List Price: \$236.00 / Your Cost: \$199.95**

MoticamA2 : Works on Computer only. 2.0 Megapixels **List Price: \$355.00 / Your Cost \$325.00**

Moticam A5: Works on Computer only. 5.0 Megapixels **List Price: \$473.00 / Your Cost: \$434.00**

Moticam A8: 8.0 Megapixel **List Price: \$508.00/Your Price: \$458.00**

Moticam A16: 16.0 Megapixel **List Price \$627.00 / Your Cost \$560.00**

Moticam HD 1080X: Multiport HDMI/WiFi/USB Microscope Camera **List Price \$1,184.00/Your Cost \$1,065**

System Tablet Camera



Model D-BTX5-8: 8" LCD Android tablet with 1280x800 screen resolution Connection: WiFi; micro SD card Android operating system WiFi: WiFi output (802.1 ab/g/n) Preloaded optimized MotiConnect app 3.7V/3500mA rechargeable battery Input*: AC100-240V. 50-60HZ Output: DC5V 2A (*Supports USB charging)FCC CE CAMERA 1/3" CMOS 4.0MP Capture resolution 1920x1080 / 1280x720 Resolution (RJ45 or WiFi) 5V (External power supply) 2.4 and 5Ghz WiFi - Ethernet (RJ45)

List Price: \$750 Your Cost \$725.00

Model D-BTX-10: 10" LCD Android tablet with 1280x800 screen resolution Connection: WiFi; micro SD card Android operating system WiFi: WiFi output (802.1 ab/g/n) Preloaded optimized MotiConnect app 3.7V/3500mA rechargeable battery Input*: AC100-240V. 50-60HZ Output: DC5V 2A (*Supports USB charging)FCC CE CAMERA 1/3" CMOS 4.0MP Capture resolution 1920x1080 / 1280x720 Resolution (RJ45 or WiFi) 5V (External power supply) 2.4 and 5Ghz WiFi - Ethernet (RJ45)

List Price: \$1053 Your Cost \$950.00

Tablet Cameras



BTI-205-LED



BTI-213-LED



BTI-214-LED



EXC103-HDS



BTI-169-ASC

All BTI Tablets Scopes Include: **Tablet Package:** 8" LCD Android tablet with 1280x800 screen resolution Connection: WiFi; micro SD card WiFi Resolution 1920x1080 / 1280x720 4.0MP capture resolution WiFi (2.4 or 5GHz) and Ethernet (RJ45) MotiConnect App Connect 5 WiFi devices at one time Connect office/clinic/business network through RJ45 port connection

Tablet Cameras

BTI-205-LED: Model 205 Microscope: 10X eyepiece, 4X,10X,40XR objectives/ Coarse and fine focus with LED illumination- 8" Camera Tablet with Tablet Package above

List Price: \$874.00 / Your Cost: \$830.00

BTI-213-LED: Model 213 Microscope: 10X eyepiece/4X,10X,40XR DIN Obj./Coaxial coarse and fine focus/dropdown Mech stage/LED illumination 8" Camera Tablet with Tablet Package above.

List Price: \$1,062.00 / Your Cost: \$1,008.00

BTI-214-LED: Model 214 Microscope: 10X eyepiece/4X,10X,40XR,100XR DIN Objectives/ Coaxial coarse and fine focus/dropdown Mech stage/LED illumination 8" Camera Tablet with Tablet Package above.

List Price: \$1,142.00 / Your Cost: \$1,027.80

BTI169-ASC Model 169ASC: Lab scope ASC high contract objectives 4X,10X,40XR,100XR ASC DIN Coaxial coarse and fine focus/dropdown Mech stage/LED illumination 8" Camera Tablet with Tablet Package above.

List Price: \$1998.00 / Your Cost: \$1900.00

EXC103-HDS- Microscope Viewing Head: Trinocular; DIN 4x,10X,40XR, 100XR Objectives Coaxial Coarse and fine focus/Drop down Mech Stage Excelis HD Lite 5MP camera with built-in software, attachable 11.6" HD monitor, and 0.5x camera adapter

List Price \$2,007/ Your Cost \$1900

Wifi Digital Microscope Systems



Model
DCX5-205-LED



Model
DCX5 213-LED



Model
DCX5-214-LED

Wifi systems work Only on wifi enabled devices. **Wifi Package** is standard on all DCX5 systems and includes: **CAMERA SPECIFICATIONS** Sensor type: CMOS Resolution: 4.0 MP (1280 x 1024 pixels) **REQUIRED SPECIFICATIONS** Android or iOS Ready Device WiFi Adapter (PC and MAC only) **SOFTWARE** Free MotiConnect app available from App Store or Google Play Store Optional downloadable Motic software operates on Windows XP or above & MAC OSX (with registration on National Optical website)

Model National DCX5 -205 LED Microscope: 10X eyepiece, 4X,10X,40XR objectives/ Coarse and fine focus with LED illumination- built in wifi camera with WiFi Package above.

List Price: \$574.00 / Your Cost: \$550.00

Model National DCX5- 213 LED- Model 213 Microscope: 10X eyepiece/4X,10X,40XR DIN Obj./ Coaxial coarse and fine focus/dropdown Mech stage/LED illumination built in wifi camera with WiFi Package above.

List Price: \$918.00 / Your Cost: \$872.00

Model National DCX5- 214 LED- Model 214 Microscope: 10X eyepiece/4X,10X,40XR,100XR DIN Objectives/ Coaxial coarse and fine focus/dropdown Mech stage/LED illumination built in wifi camera with WiFi Package above.

List Price: \$997.00 / Your Cost: \$947.15

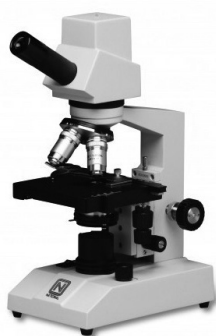
USB Digital Microscopes



Model
DC5-169
Series



Model
DC20-169
Series



Model
DC-128
Series



Model
D-ELDB-1
Series

USB Digital Microscopes come with **USB Package** which include microscope that works only work with USB connection only and will transmit wirelessly through Motic-hub broadcast setting in software. All systems come standard with Motic Images software.

Model National DC- 128 LED- Microscope: 10X eyepiece/4X,10X,40XR DIN Obj./Separate coarse and fine focus/dropdown Mech stage/LED illumination built in 5.0 megapixel USB camera with USB Package. **List Price: \$700 / Your Cost: \$630**

Model National DC5-169SP: Binocular Lab Microscope Achromatic objectives 4X,10X,40XR,100XR DIN obj/ Coaxial coarse and fine focus/dropdown Mech stage/LED illumination built in 3.0 megapixel. with USB Package. **List Price: \$1968.00 / Your Cost: \$1800**

Model National DC5-169 ASC: Binocular Lab Microscope Achromatic objectives 4X,10X,40XR,100XR DIN obj ASC High Contrast / Coaxial coarse and fine focus/dropdown Mech stage/LED illumination built in 3.0 megapixel with USB Package. **List Price: \$2065.00 / Your Cost: \$1927.00**

Model National DC5-169 P: Binocular Lab Microscope Achromatic objectives 4X,10X,40XR,100XR DIN obj. Plan / Coaxial coarse and fine focus/dropdown Mech stage/LED illumination built in 3.0 megapixel with USB Package. **List Price: \$2085.00 / Your Cost: \$1772.25**

Model National DC20-169-SP Trinocular Lab Microscope: Semi-Plan objectives 4X,10X,40XR, 100XR DIN/Coaxial coarse and fine focus/dropdown Mech stage/LED illumination. Camera add on 2.0 megapixel USB Also outputs to HDMI (1080dpi) and SD card with USB Package.

List Price: \$2167 / Your Cost: \$2058

Model National DC20-169-ACS Trinocular Lab Microscope: Achromatic objectives 4X,10X,40XR,100XR DIN ASC High Contrast/Coaxial coarse and fine focus/dropdown Mech stage/ LED illumination. Camera add on 2.0 megapixel USB. Also outputs to HDMI (1080dpi) and SD card with USB Package. **List Price: \$2226 / Your Cost: \$2114.70**

Model National DC20-169-P Trinocular Lab Microscope: Achromatic objectives 4X,10X,40XR 100XR DIN/Coaxial coarse and fine focus/dropdown Mech stage/LED illumination. Camera add on 2.0 megapixel. Also outputs to HDMI (1080dpi) and SD card with USB Package.

List Price: \$2371 / Your Cost: \$2,252.45

Model Motic D-ELDB-1 - Model D-ELB Microscope: Binocular Lab Microscope Achromatic objectives, 4X, 10X, 40XR, 100XR DIN obj DIN / Coaxial coarse and fine focus/dropdown Mech stage/ LED illumination built in 3.0 megapixel with USB Package. **List Price: \$762.00 / Your Cost: \$715.00**

USB Digital Microscopes

Model DC4-456 Stereo: Model 456

Stereoscope, 1X-3X objectives, 10X SWF eyepieces, top and bottom illumination. Built in 3.0 megapixel camera and with USB Package.

List Price: \$969.00 / Your Cost: \$775.20



Model DC4-456
Stereo

Model SM105T-C-USB2: Stereo scope, 1X-43 objectives zoom, 10X SWF eyepiece, top and bottom halogen illumination Built in 5.0 megapixel camera and with USB Package. **List Price: \$1277.00 / Your Cost: \$1192.00**



Model SM105T-C-USB2

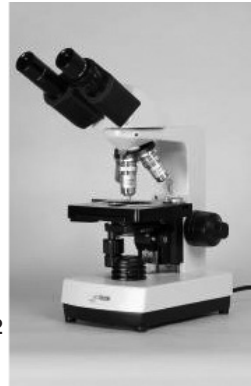
New ECOline by Motic

The **ECOline** by Motic offers high standard optics paired with quality rugged construction. Build your lab or feed your hobby on a smart budget with ECOline.

- Choice of rotating monocular or binocular head
- 4X, 10X, 40XR, 100XR, DIN Precision Optics
- Drop down Mechanical Stage
- Coaxial Coarse and Fine Focus
- LED Illumination Three year warranty



Model ECO-1



Model ECO-2

Model No.	Head	Eyepiece	DIN Objectives	Condenser Diaphragm	Illumination	List Price	YOUR COST
ECO-1	Monocular	10XWF	4X, 10X, 40XR, 100XR, DIN	1.25 Abbe w/Iris	LED	\$463.00	\$416.70
ECO-2	Binocular	10XWP(2)	4X, 10X, 40XR, 100XR, DIN	1.25 Abbe w/Iris	LED	\$563.00	\$525.00

Accuscope Elementary Series

Full-sized performance in a microscope that is scaled down for the younger students. This series is simple to use, yet prepares students for easy transition to high school instruction. Rugged metal components are engineered for years of reliable performance.

- Provides 40X, 100X and 400X magnification
- WF 10X eyepiece with revolving pointer
- Rack and pinion focusing
- LED Rechargeable Illumination

Model EXM-50



Model No.	Head	Eyepiece	Objectives	Focus	Illumination	List Price	YOUR COST
EXM-50	Inclined	10X	4X, 10X, 40XR	coarse and fine	LED Cordless Rechargeable	\$160.00	\$135.00



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National 131 Series



Model
131CLED

This microscope sets the standard for high school instruction. It includes all the most commonly specified features. Rugged metal construction, locked-on parts and superior DIN optical system are just a few of the 131 basic features.

- Widefield 10X eyepiece with pointer
- DIN 4X, 10X, 40XR achromatic objectives
- Built-in 110V 20W illuminator or 40MM plano-concave mirror
- Disc diaphragm — 5 hole
- 45° inclined viewing head
- 0.65 NA condenser
- Low position coarse and fine focus

• **LIMITED LIFETIME WARRANTY**

- New Model 131-CLED offers LED illuminator rated up to 100,000 hours life
- 132-CLEDMS - 134-CLEDMS have built-in Mechanical Stage

Model No.	Head	Eyepiece	DIN Objectives	Illumination	List Price	YOUR COST
131-CLED	Monocular	10X WF	DIN 4X, 10X, 40XR	LED	\$265.00	\$212.00
131-RLED	Monocular	10X WF(2)	DIN 4X, 10X, 40XR	Rechargeable LED	\$304.00	\$285.00
132-CLED	Dual View	10X WF(2)	DIN 4X, 10X, 40XR	LED	\$393.00	\$370.00
132-CLEDMS	Dual View	10X WF(2)	DIN 4X, 10X, 40XR	LED	\$468.00	\$440.00
134-CLEDMS	Monocular	10X WF	DIN 4X, 10X, 40XR, 100XR	LED	\$497.00	\$476.00

National 210 Series



Model 210Rled

A new standard of precision optics, highly engineered mechanics and very rugged construction make the all new NATIONAL 210 SERIES an excellent choice for a student microscope.

- 45° inclined monocular viewing head
- 210 series locked on stage clips/211,212,213,214,215 have low position drop down mechanical stage
- Reversed nosepiece design
- High performance DIN objectives
- Separate coarse and fine focus
- Limited Lifetime Warranty
- LED Rechargeable ILLUMINATOR with adapter
- Model 213,214 215-Coaxial coarse and fine focus
- Widefield 10X eyepiece with pointer

Model No.	Head	Eye-piece	DIN Objectives	Stage	Condenser	Illumina-tion	List Price	YOUR COST
210Rled	Monocular	10X WF	4X, 10X, 40XR	Stage Clips	0.65 NA Disc	LED Rechargeable	\$416.00	\$395.00
211RLED	Monocular	10X WF	4X, 10X, 40XR	Mechanical Stage	1.25 Abbe Condenser iris	LED Rechargeable	\$540.00	\$515.00
212RLED	Monocular	10X WF	4X, 10X, 40XR, 100XR	Mechanical Stage	1.25 Abbe Condenser iris	LED Rechargeable	\$619.00	\$588.00
213RLED	Monocular	10X WF	4X,10X,40XR	Mechanical Stage	1.25 Abbe Condenser iris	LED Rechargeable	\$619.00	\$588.00
214RLED	Monocular	10X WF	4X, 10X, 40XR, 100XR	Mechanical Stage	1.25 Abbe Condenser iris	LED Rechargeable	\$692.00	\$657.00
215-RLED	Binocular	10X WF	4X, 10X, 40XR, 100XR	Mechanical Stage	1.25 Abbe	LED Rechargeable	\$806.00	\$765.00

National 160 Series



Model 162

The 160 Series is National's advanced biological microscope. This microscope offers superb resolution along with precise and easy operation. This is an excellent microscope for advanced high school or college application. The 160 Series is available with monocular, binocular or trinocular heads.

- Widefield 10x eyepiece with pointer
- 3 Watt LED variable illuminator
- DIN 4x, 10x, 40xr, 100xr Semi-plan, super high contrast, or plan achromatic*
- Coaxial coarse and fine focus controls
- 45° inclined head. 1.25 abbe condenser
- Ball bearings mounted 4-hole nosepiece
- Low position coaxial mechanical stage/rackless
- **LIMITED LIFETIME WARRANTY**

*Add \$90.00 for ASC super high contrast objectives

*Add \$200.00 for plan achromatic objectives

Model No.	Head	Eyepiece	DIN Semi-Plan Objectives	Illumination	List Price	YOUR COST
167SP	Monocular	10X WF	4X, 10X, 40XR, 100XR, Achromatic	3W LED	\$706.00	\$670.00
168SP	Binocular	10X WF (2)	4X, 10X, 40XR, 100XR, Achromatic	3W LED	\$918.00	\$872.00
169SP	Trinocular	10X WF (2)	4X, 10X, 40XR, 100XR, Achromatic	3W LED	\$1188.00	\$1128.00

National 440 Zoom - The Affordable-Quality Zoom Stereo

The convenience and versatility of viewing a large picture at .75X magnification, then zooming continuously to 45X magnification. Upright, unreversed "3D" image remains in focus throughout the zoom range. Variable LED illumination.

- Paired 10X widefield eyepieces, 45° inclined
- Dual diopter adjustment with interpupillary adjustment from 55mm to 75mm
- Rotatable 360° viewing head
- Zoom range .75X thru 45X

Model
440-440PLL



Model No.	Head	Eyepiece	Objectives	Illumination	List Price	YOUR COST
440-440PLL	Binocular	10XF	Zoom .7x-4.5X	Top & Bottom	\$1037.00	\$985.00
440T-440PLL	Trinocular	10XF	Zoom .7x-4.5X	Top & Bottom	\$1176.00	\$1117.00

Ecoline Stereo Series



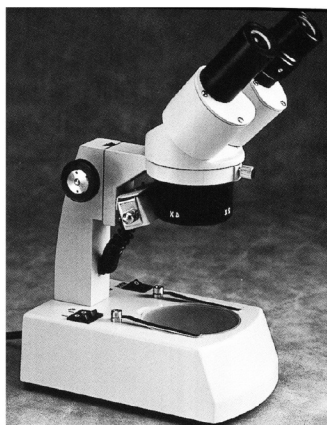
Model D-ELS-1

Precise optical alignment assures a three dimensional, upright, unreversed image that is unsurpassed for everything from dissecting work to examining circuit boards. Two Models available. Tripower and Zoom.

- Slip clutch focusing
- Choice of Tri Power or Zoom magnification
- Fixed Arm Stand/ Locked on Stage Clips
- LED illumination

Model No.	Eyepiece	Objectives	Illumination	List Price	YOUR COST
D-ELS-1	10XWF (2)	1X, 2X, 4X	LED	\$313.00	\$297.00
D-ELS-4	10XWF (2)	2X, 4X	Tungsten	\$560.00	\$532.00

National 450 Series



Model 446-TBL

National's Affordable Stereo Series microscope offers quality features and versatility of larger stereo models, in a compact size only 12" tall. Your choice of dual objectives mounted on the Rugged Ridged arm stand makes this an excellent school-hobbyist-industrial stereo scope.

- Dual magnification objectives choices: 1X + 3X or 2X + 4X
- Interpupillary and diopter adjustments
- 10X eyepieces
- Top/bottom illumination LED (8 hour charge with 50 hours of use)
- Slip clutch; rack and pinion focusing
- Incline rotatable head - 360°

Model No.	Head	Eye-piece	Magnification	Stand	Illumination	List Price	YOUR COST
452TBL-LED	Fixed	WF10X	10X or 30X	Rigid Arm	LED Rechargeable	\$338.00	\$321.00
453TBL-LED	Fixed	WF10X	20X or 40X	Rigid Arm	LED Rechargeable	\$338.00	\$321.00

Swift M3603 Series

Model M3603



The Motic Swift Line M3603 Series now features an enhanced new design. Along with the ability to use it corded or cordless, this series also includes coaxial focusing for smooth operation, built-in carry handle, a variety of stage options, and variable bright LED illumination. Ideal for high school and advanced grades. Designed with a built-in camera port for optional Moticam cameras. C-mount adapter now included

- Widefield 10x /18mm eyepiece.
- Monocular viewing head with 45° inclined eyepiece.
- DIN Objective
- Camera Port integrated into head for optional camera use

Model No.	Head/Eyepiece	DIN Objectives	Stage	Condenser	Illumination	List Price	YOUR COST
M3603C	Monocular 10XWF/DIN	4X,10X,40XR	Stage Clips	0.65 NA w/Iris	LED	\$452.00	\$429.00
M3604C-3	Monocular 10XWF/DIN	4X,10X,40XR	Mech Stage	1.25 Abbe/Iris	LED	\$516.00	\$490.00
M3604C-4	Monocular 10XWF/DIN	4X, 10X, 40XR, 100XR	Mech Stage	1.25 Abbe/Iris	LED	\$575.00	\$549.00

Swift M3-F Series Comparison Microscope



Model M3-F

Revolutionary technology allows you to compare images in both micro and macro environments. Powerful optical system allows images to be seen either 100% from the left microscope, 100% from the right, side-by side, or overlapping. The dedicated macro lens, with a large working distance, allows you to view not only bullets but also larger, more bulky, "evidence" items.

- ~~Coaxial focusing~~
- Energy-efficient cordless top and bottom LED illumination
- Gliding stage plate with "one-touch" stage clips
- ~~Eye piece W/10X D.O.B~~
- Objectives: 4X, 10XD, 40XRD, micro and 2X macro

*MA15602 - Camera Adapter C-Mount 0.5X.... \$150.00

Model No.	Head	DIN Objectives	Eyepiece	Stage	Illumination	List Price	YOUR COST
M3-F	Trinocular	Micro 4XD, 10XD, 40XRD, Macro 1X	W10XD, 18mm	Stage, Specimen Cup, Contrast Plate	Cordless, Top and Bottom LED	\$2159.00	\$2051.00

Swift SM100



Model SM100

The SM100 Series features energy-efficient variable LED illumination with six light setting combinations, one-touch spring loaded stage clips, and right eyepiece diopter focusing adjustment. These models can be used corded or cordless. Ideal for high school classrooms and up.

Model No.	Head	Eyepiece	Objectives	Illumination	List Price	YOUR COST
SM101-C	Binocular	W10X, 20mm	1X and 3X	Turret variable 6 x .06W LED, Top variable .05W, Bottom .05W LED, Corded Stand	\$422.00	\$400.00
SM102-C	Binocular	W10X, 20mm	2X and 4X	Turret variable 6 x .06W LED, Top variable .05W, Bottom .05W LED, Corded Stand	\$422.00	\$400.00
SM105-C	Binocular	W10X, 20mm	1X and 3X	Turret variable 6 x .06W LED, Top variable .05W, Bottom .05W LED, Corded Stand	\$593.00	\$563.00

3050 Series Monocular Microscope

Features:

- Modern design with convenient handle on arm of microscope for easy and safe transfer from workspace to workspace • 45° inclined head, rotatable 360°
- 10x wide-field eyepiece with pointer
- Light intensity control
- Reverse triple nosepiece with positive click stops
- Choice of LED Corded or LED Cordless models
- Vinyl dust cover and user manual included
- Shipping information 3050 Series : 6.5" x 11.5" x 14" – 5lbs
- Shipping Information 3050-100 Series: 13" x 5.5" x 7" – 6lbs

Special Features: 3050 Series

- 3.5" round moveable stage makes it easy for small hands to adjust and keep control of specimen
- Can slowly control the stage as it glides into the proper position
- Achromatic color coded 4X, 10X, and 40XR objectives
- Separate coarse and fine focusing

Special Features: 3050-100 Series

- Coaxial coarse and fine focus controls
- Achromatic color-coded 4X, 10X, 40XR, 100XR DIN objectives
- Color coded objectives are parcentered and parfocaled
- Built-in 1.25 N.A Abbe Condenser with Iris Diaphragm
- Built in mechanical stage



Grades 6-8
3050 Series



Grades 9-12
3050-100 Series

Model No.	Head	Objectives	Eyepiece	Stage	Focusing	Illumination	YOUR COST
3050-LED	Monocular	4X, 10X, 40XR	10X WF	3.5" Round Moveable Stage	Separate Coarse & Fine Focusing	LED Corded	\$190.00
3050-RC	Monocular	4X, 10X, 40XR	10X WF	3.5" Round Moveable Stage	Separate Coarse & Fine Focusing	LED Cordless	\$200.00
3050-100-LED	Monocular	4X, 10X, 40XR, 100XR	10X WF	Built-In MS, 1.25 Abbe Condenser, Iris Diaphragm	Coaxial	LED Corded	\$350.00
3050-100-RC	Monocular	4X, 10X, 40XR, 100XR	10X WF	Built-In MS, 1.25 Abbe Condenser, Iris Diaphragm	Coaxial	LED Cordless	\$365.00

Storage Solutions



Mobile Balance Storage Cabinet by Diversified Woodcrafts, Inc.

A safe, convenient way to store and share your balances. Constructed of solid oak and oak veneers with unbreakable aluminum

glides for the front and back sliding doors. Supplied with four adjustable shelves to allow you to configure storage arrangements to maximize available space. The unit features a 1-1/4" HP laminate top and 4" ball bearing, locking, swivel casters. Dimension 48"Wx24"Dx40"H. 230 lbs. shipping weight.



Mobile Balance Storage Cabinet by Diversified Woodcrafts, Inc.

A safe, convenient way to store and share your microscopes. Constructed of solid oak and oak veneers with unbreakable

aluminum glides for the front and back sliding doors. Supplied with four adjustable shelves to allow you to configure storage arrangements to maximize available space. The unit features a 1-1/4" HP laminate top and 4" ball bearing, locking, swivel casters. Dimension 48"Wx24"Dx40"H. 202 lbs. shipping weight #4701K \$1400.00/Add \$350.00 for Freight

#5201K \$1400.00/Add \$350.00 for Freight

Parco Biological LTM Series

The **LTM 300 & 400 Series** features a variety of interchangeable heads and high resolution DIN objectives. The LTM series is designed with a rugged construction, acid and reagent-resistant painted stand. This series is excellent for use anywhere from general classroom to clinical laboratories.

- Locked on 10X widefield eyepiece
- Monocular 45° inclined head, or 90° dual view - both with 360° rotation
- Objectives are DIN achromatic, parcentered and parfocaled

Positive stops at both ends of travel to prevent damage to delicate specimens or optics

15mmx120mm plain stage, with locked on stage clips, drilled and tapped to accept add-on mechanical stage for the 300 Series (optional)

- Tension adjustment eliminates stage drift
- In base illumination
- Cord holder for convenient cord storage
- Comes complete with dust cover and instruction manual



Model LTM-302

Standard Features for 400 Series:

- Rack and pinion adjustable 1.25 N.A. Abbe condenser and iris diaphragm
- Mechanical stage standard for all models

Replacement Tungsten Bulb: #58A-0328-20 \$8.00
 Mechanical Stage #58A-0272 \$39.95

Model No.	Head	DIN Objectives	Eyepiece	Condenser	Illumination	List Price	YOUR COST
LTM-302	Monocular	4X, 10X, 400XR	10X WF	0.65 N.A. - Iris	20W	\$429.00	\$285.00
LTM-306	90° Dual View	4X, 10X, 400XR	10X WF	0.65 N.A. - Iris	20W	\$540.50	\$325.00
LTM-402-2	Monocular	40X, 10X, 400XR, 100XR oil	10X WF	0.65 N.A. - Iris	20W	\$608.00	\$350.00
LTM-403-2	90° Dual View	40X, 10X, 400XR, 100XR oil	10X WF	0.65 N.A. - Iris	20W	\$696.00	\$385.00



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Parco XM Series

The XM Series has modular features and high resolution. XM Series turret bodies incline at a 45° angle for greater ease of observation and have standard interpupillary width adjustment from 55mm to 75mm.

- New 3-way, built-in, illuminated stand allows transmitted, incident or dual lighting-ALL LED
- Full size stand
- Slip clutch focusing to protect gears
- Three Turret Body Styles with choices of 1X-2X, 1X-3X, or 2X-4X magnification
- Viewing head rotates a full 360°
- **Limited LIFETIME WARRANTY**



Model XM-102

Model No.	Head	Objectives	Eyepiece	Magnification	List Price	YOUR COST
59B-1212 LP	XMT 102/Binocular	1X & 2X	10X WF	10X & 20X	\$555.00	\$305.00
59B-1312 LP	XMT 103/Binocular	1X & 3X	10X WF	10X & 30X	\$555.00	\$305.00
59B-2412 LP	XMT 204/Binocular	2X & 4X	10X WF	10X & 40X	\$555.00	\$305.00

Parco PST Series

The PST Series is suitable for school and professional applications. It has a widefield 45° inclined stereo body that offers dual magnification.

- Paired widefield 10X eyepieces
- Three choices of dual magnifications & new tri-power models
- Top and bottom illumination that operate independently
- Choice of LED Corded illuminator or Rechargeable models without cord
- Chemical resistant finish
- **Five year warranty**
- **Limited LIFETIME WARRANTY**

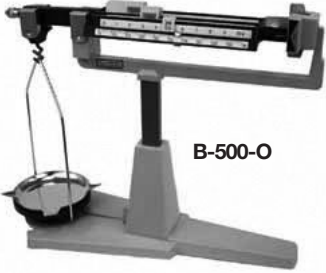


Model PST

RC models use a rechargeable LED illumination — cordless up to 50 hrs. per eight hour charge.

Model No.	Body	Eyepiece	Objectives	Illumination	List Price	YOUR COST
PST-12-RC	45° Inclined	10X WF	1X, 2X	Incident & Transmitted/ Rechargeable	\$400.00	\$240.00
PST-12-IT	45° Inclined	10X WF	1X, 2X	Incident & Transmitted	\$380.00	\$215.00
PST-13-RC	45° Inclined	10X WF	1X, 3X	Incident & Transmitted/ Rechargeable	\$400.00	\$240.00
PST-13-IT	45° Inclined	10X WF	1X, 3X	Incident & Transmitted	\$380.00	\$215.00
PST-24-RC	45° Inclined	10X WF	2X, 4X	Incident & Transmitted/ Rechargeable	\$400.00	\$240.00
PST-24-IT	45° Inclined	10X WF	2X, 4X	Incident & Transmitted	\$380.00	\$215.00
PST-123-10-RC	45° Inclined	10X WF	1X, 2X, 3X	Incident & Transmitted/ Rechargeable	\$410.00	\$245.00
PST-123-10	45° Inclined	10X WF	1X, 2X, 3X	Incident & Transmitted	\$400.00	\$230.00
PST-234-10-RC	45° Inclined	10X WF	2X, 3X, 4X	Incident & Transmitted/ Rechargeable	\$410.00	\$245.00
PST-234-10	45° Inclined	10X WF	2X, 3X, 4X	Incident & Transmitted	\$400.00	\$230.00

Walter Mechanical Balances



B-500-O

Hanging Pan Balance - This balance has a three point base, zero adjust knob at end of beam, stainless steel removable pan with pourable spout, metal cast bases and magnetic dampening.

Hanging Pan Balance - Capacity is 311g, Sensitivity is 0.01g

B-500-O - Quadruple beam balance, 311g capacity with stainless steelhanging removable pan with pouring spouts \$179.00

Triple Beam Balances with Dial - Capacity is 610g, and optional weight set extends capacity to 3110g.

STANDARD DIAL MODELS

B-350-O - Triple Beam Dial Balance 610g capacity, 0.1g sensitivity \$195.00

B-350-W-O - Triple Beam with Weights 3110g capacity, 0.1g sensitivity, with weight set \$215.00

ACCESSORIES

B-100-W-O - Weight Set 2x1000g, 1x500g \$50.00

Triple Beam Balances - Capacity is 610g, and optional weight set extends capacity to 3110g.

STANDARD MODELS

B-200-O - Triple Beam Balance 610g capacity, 0.1g sensitivity \$145.00

B-200-W-O - Triple Beam with Weights 3110g capacity, 0.1g sensitivity, with weight set \$170.00

**Walter Products Mechanical Balances offer a Limited 5-year warranty guaranteeing balances to be free from manufacturer's defects.*



B-350-O

- Dial - 10gx0.1g
- Middle beam 500gx100g
- Rear beam 100gx10g
- Platform size - /O15cm
- Tare standard on all balances - \$25.00



B-200-W-O

- Notched and tiered beam, front beam calibration 0.1g sensitivity
- Middle beam 500gx100g
- Rear beam 100gx10g
- Platform size - O/15cm

Ohaus Ph Pen Meter

OHAUS precision is now available in a line of pen meters that provide accurate measurement of pH, oxidation-reduction potential (ORP), conductivity, salinity, and total dissolved solids (TDS). Stater pen meters are the economical option when you are simply looking for meters that will provide accurate measurement with no restrictions.

Model No.	ST20	ST10
Range	0.00-14.00	0.00-14.00
Resolution	0.01pH	0.1pH
Accuracy	0.05pH	0.1pH
Temperature Range	0.0 - 99.0 °C	NA
Temperature Compensation	Yes	NA
Display	Dual	Single
Calibration	3 Point	NA
Buffer Group	4.01, 7.00, 10.01	NA
Automatic Shutdown	6 minutes of Non-Use	6 minutes of Non-Use
Battery	4 AG13 1.5V Micro-Alkaline Batteries	4 AG13 1.5V Micro-Alkaline Batteries
Size/Weight	185x45x38 mm 110g	185x45x38 mm 110g
PRICE	\$125.00	\$80.00



OHAUS Mini Hotplates & Stirrers

The OHAUS Basic Mini Hotplates, Stirrers, and Hotplate-Stirrers are rugged, compact units that heat and stir up to 1000 mL of liquid. Ceramic tops feature a chemical resistant white reflective top plate that is easy to clean. Bi-metallic thermostat offers reliable temperature control. Powerful heater reaches maximum temperature in only minutes. Powerful motor and magnet deliver reliable and consistent stirring. Compact design saves bench space. Built-in support rod holder with locking knob accepts optional Support Rod and Clamp Kit. Basic Mini Fixed Temperature Hotplate features an illuminated rocker switch to activate the preset fixed temperature of 500°C. Basic Mini Auto-Stirrer is automatically activated by the minimum weight of a beaker or flask and will stop stirring when mixing vessel is removed Adjustment Knobs: Basic speed and temperature control knobs with dial markings from 1 to 10.

Basic Mini Hotplates

Description	Model	Item Number	List Price	YOUR COST
Basic Mini Hotplate	HSMNHP4CAL	30392012	\$300.00	\$275.00
Basic Mini Fixed Temperature Hotplate	HSMNHP4CFT	30392033	\$300.00	\$275.00



Model HSMNHP4CAL



Model HSMNHP4CFT

Basic Mini Stirrers

Description	Model	Item Number	List Price	YOUR COST
Basic Mini Stirrer	HSMNST4CAL	30392019	\$275.00	\$250.00
Basic Mini Auto-Stirrer	HSMNAS4CAL	30392040	\$325.00	\$305.00



Model HSMNST4CAL



Model HSMNAS4CAL

Basic Mini Hotplate-Stirrers

Description	Model	Item Number	List Price	YOUR COST
Basic Mini Hotplate-Stirrer	HSMNHS4CAL	30392026	\$485.00	\$460.00



Model HSMNHP4CAL

OHAUS Frontier 5306 Centrifuge

The OHAUS Frontier 5306 is a powerful mini centrifuge for simple and rapid liquid separation. The Frontier 5306 includes an 8-position 1.5/2 mL tube rotor as well as a 4-position 8-strip PCR tube rotor that can accommodate 32 individual PCR tubes or 0.2mL strip tubes. With the included adapters, 0.2 mL and 0.5 mL strip tubes can also be accommodated in the 8 position tube rotor, further increasing its versatility. Frontier 5306 also has a quick release design in which the rotors can be removed and installed without the use of any tools. This centrifuge provides quiet, safe, and easy operation for your everyday quick spin-down applications. Standard Features Include: • A Quiet Motor and Rubber Base Assure Quiet Operation. • Multiple Protective Features Ensure the Safety of Centrifuge Operator— Frontier 5306 has many safety attributes, including a low voltage power input, sturdy lid, and two safety switches which immediately stop the rotors should the lid open while in rotation. An imbalance sensor also stops the centrifuge if the rotors become imbalanced or sudden shock occurs, protecting the operator from being injured by the high-speed spinning rotors. • Simple One-Step Operation— Once the device is powered on, simply place your sample in the centrifuge, close the lid, and it will begin to rotate. Not even one button press is needed in order to separate your sample.

Model	FC5306	
Rotor	Angle Rotor	Tube Bank Rotor
Rotating Speed Scope	6000 rpm	
Centrifugal Force	2000 g	
Rotating Direction	Counterclockwise	
Maximum Capacity	8 1.5 ml / 2 ml	4 x .02 ml-PCR 8-tube bank
		or 32 0.2 ml single centrifugal tube
Adapter	.02 ml / .05 ml	-----
Accelerating Time	≤2 s	
Decelerating Time	≤3 s	
Drive Mode and Motor	Direct drive, with low noise attributable to rolling bearing	
Power Supply	Input: 100-240V ~ 50/60Hz 1.5A Output: 24V ~2.0A	
Dimensions (W x D x H)	5.9 x 6.6 x 5.0 in / 150 x 168 x 128 mm	
Net Weight	2.3 lb / 1.1 Kg (Including free-load angle rotor)	
Shipping Dimensions (W x D x H)	8.5 x 12.0 x 7.6 in / 216 x 305 x 194 mm	
Shipping Weight	4.1 lb / 1.9 Kg	
List Price	\$298.00	
YOUR COST	\$275.00	



Walter Digital Hotplate Stirrer

Features:

- Motor Type: Brushless motor
- Speed rand (rpm) 200-1500
- Square/Disc optional Voltage [VAC]: 110/220
- Speed and Temperature LCD display
- Plate material: Material Ceramic coating surface/Stainless Steel
- Dimension of Plate (mm) 135 or 155



Model WP1007-HS

Model No.	Specification	Price/ea.
WP1007-HS	Digital Hotplate Stirrer	\$295.00

Benchmark Scientific Analog Hotplates & Stirrers Analog



Features:

- Ceramic work surface 7.1 x 7.1 in
- Stir speed from 60 to 1500 rpm
- Temperature control up to 380°C
- Three models: heat-stir, heat only or stir only

Model No.	Description	Price/ea.
H4000-HS*	Benchmark Hotplate & Stirrer	\$405.00
H4000-S*	Benchmark Magnetic Stirrer	\$294.00
H4000-H*	Benchmark Hotplate	\$294.00

Benchmark Scientific Digital Hotplates Stirrers



Features:

- Large backlit LCD display
- Ceramic work surface 6.5 x 6.5 in
- Safety LED indicates hot surface
- Control actual temperature (with optional probe)
- Three models: heat-stir, heat only or stir only

Model No.	Description	Price/ea.
H3770-HS*	Benchmark Digital Hotplate & Stirrer	\$476.00
H3770-S*	Benchmark Digital Magnetic Stirrer	\$313.00
H3770-H*	Benchmark Digital Hotplate	\$313.00
H3770-TP	Optional Temperature Probe	\$137.30
H3770-ROD	Optional Support Rod	\$65.00

Unico Spectrophotometer



Model 1100

The **Unico™ 1100** spectrophotometer is a general purpose instrument designed for use in conventional labs. The Unico™ 1100 is ideal for various applications such as; Clinical Chemistry, Biochemistry, Petrochemistry, Environmental Protection, Water and Waste Water Labs and other fields of quality control.

- Photometric Range: 0-125% T/O-1.999A
- Wavelength Range: 335nm-1000nm
- Spectral Bandpass: 20 nm
- Data output: analog output
- Wavelength accuracy: ± 2 nm

Model No.	Description	List Price
1100-100	Series 1100 Spectrophotometer complete with 10mm test tube, cassettes (box of 12), 10mm test tube adapter, dust cover, one spare halogen lamp, operators manual	\$1500.00
S-1100-102	Test tube cassettes 10mm, box of 12 same as 100	\$75.00
1100-RS	except includes RS 232C serial port	\$1850.00



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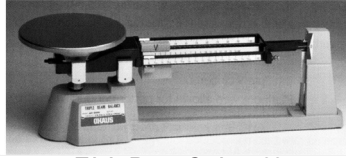
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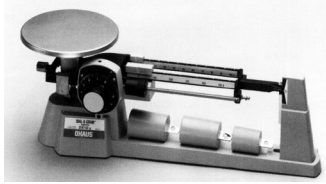
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Ohaus Mechanical Balances

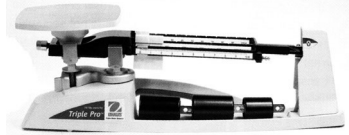
Ohaus Mechanical & Electrical Balances offer quality, reliability, and value second to none. For the complete line of Ohaus products please visit www.ohausweighingscales.com.



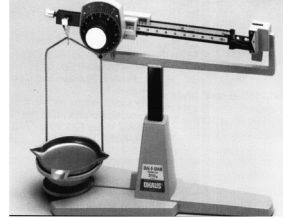
Triple Beam Series 700



Dial-O-Gram Series 1600



TP2611 - Triple Beam Pro



Cent-O-Gram Series 310-311

Model No.	Weighing Range	Readability	Tare	Platform Type	List Price	YOUR COST
School Balance 1200-00	2000g	0.5g		Plastic	\$95.00	\$90.00
Primer Balance 8410-00	2000g	1.0g		Plastic, 500ml buckets	\$75.00	\$70.00
Triple Beam 750SO	610g	0.1g		Stainless Steel Plate	\$210.00	\$190.00
Triple Beam Pro TP2611	2610g	0.1g		Stainless Steel	\$286.00	\$270.00
Triple Beam 760-00	610g	0.1g	225g	Stainless Steel Plate	\$373.00	\$350.00
Triple Beam 710-T0	610g	0.1g	225g	Stainless Steel Pan	\$441.00	\$425.00
Triple Beam 710-00	610g	0.1g		Stainless Steel Pan	\$362.00	\$340.00
Dial-O-Gram 1650-WO	2610g	0.1g	225g	Stainless Steel Plate	\$537.00	\$515.00
Dial-O-Gram 1610-00	610g	0.1g	225g	Stainless Steel Pan	\$537.00	\$515.00
Dial-O-Gram 1650-00	610g	0.1g	225g	Stainless Steel Pan	\$466.00	\$430.00
Cent-O-Gram 311	311g	0.1g		Stainless Steel Pan	\$434.00	\$415.00
Cent-O-Gram 310 Dial-O-Gram	310g	0.1g		Stainless Steel Pan	\$525.00	\$505.00
Triple Beam TJ611 (Value Model)	610g	0.1g		Stainless Steel Pan	\$194.00	\$175.00

Ohaus Electronic Balances

Ohaus Compact™ Scales are ideal when cost matters and dependable results are a must. They are perfect for use in light production, in the field, the kitchen, the office, and more. Easy operation, long battery life, and great performance make Compact Scales a truly remarkable value.

- Large high contrast display
- Energy-saving auto shut-off
- Battery or AC powered (optional) ** Power Adapter 5V 1A US Scout CX \$45.00



Model No.	Capacity	Readability	List Price	YOUR COST
CX221	220g	0.1g	\$225.00	\$205.00
CX2200	2200g	1.0g	\$225.00	\$205.00
CX5200	5200g	1.0g	\$265.00	\$245.00

PLEASE CALL FOR PRICING ON THE FULL LINE OF OHAUS PRODUCTS

Ohaus Electronic Balances**Scout Pro - Education**

Designed for education applications, the OHAUS Scout with large backlit LCD backed by education software is the ideal balance for your classroom. It is built to endure demanding classroom applications with superior overload protection. Features including, faster stabilization time, increased capacity, multiple connectivity options and stackable design make Scout the best weighing experience for the next generation classroom.



Model No.	Capacity	Readability	List Price	YOUR COST
SKX123*	120g	0.001g	\$851.00	\$811.00
SKX222	220g	0.01g	\$621.00	\$592.00
SKX422	420g	0.01g	\$875.00	\$834.00
SKX421	420g	0.1g	\$359.00	\$342.00
SKX621	620g	0.1g	\$498.00	\$475.00
SKX622	620g	0.01g	\$1029.00	\$980.00
SKX2201	2200g	0.1g	\$639.00	\$609.00
SKX6201	6200g	0.1g	\$1069.00	\$1019.00
SKX8200	8200g	1.0g	\$525.00	\$500.00
SKX1202	1200g	0.01g	\$1182.00	\$1126.00
SKX2202	2200g	0.01g	\$1335.00	\$1272.00

Navigator Series

OHAUS raises the bar in price-performance ratio with the newly-designed Navigator series which is perfect for general weighing applications in laboratory, industrial and education settings. Ruggedly constructed and multifunctional, the Navigator's a powerful balance that can handle a diverse range of weighing applications with features such as fast stabilization time, overload protection at four times its rated capacity, and easy operation.pans.



Model No.	Capacity	Readability	List Price	YOUR COST
NV123	120g	0.001g	\$532.00	\$507.00
NV223	220g	0.001g	\$592.00	\$564.00
NV323	320g	0.001g	\$649.00	\$619.00
NV222	220g	0.01g	\$478.00	\$456.00
NV422	420g	0.01g	\$609.00	\$580.00
NV622	620g	0.01g	\$621.00	\$592.00
NV1202	1200g	0.01g	\$691.00	\$659.00
NV2202	2200g	0.01g	\$727.00	\$693.00
NV3202	3200g	0.01g	\$762.00	\$726.00
NV221	220g	0.1g	\$280.00	\$267.00
NV621	620g	0.1g	\$410.00	\$391.00
NV1201	1200g	0.1g	\$464.00	\$442.00
NV2201	2200g	0.1g	\$515.00	\$491.00

*** OHAUS ANALYTICAL AND PRECISION BALANCES CAN BE SEEN ON LINE AT
WWW.CAPITALMICROSCOPE SERVICES.COM.



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Motic AE2000



Model AE2000

AE2000 Binocular Inverted Microscope - Basic Package

- Binocular head Siedentopf type 45° Inclined
- Widefield high eyepoint eyepiece 10X / 20mm (paired), focusable
- Side facing quadruple nosepiece
- CCIS Plan Achromat objective PL PH4x, PL PH 10x
- ELWD N.A. 0.30 condenser
- Phase slider Ph0, BF, PH1
- Centering telescope
- Plain Stage with metal and glass stage inserts
- Halogen Illumination 6V/30W with intensity control
- 45mm blue, Green interference and diffusion filters with filter slider
- Allen hexagonal key, vinyl dust cover, power cord
- Universal Power Supply 100-240V

Accessories:

Model No.	Head	List Price	YOUR COST
AE2000	Binocular	\$2705.00	\$2500.00
AE2100	Trinocular	\$3196.00	\$2900.00

- CCIS Plan Achromat Phase LWD PL Ph1 20X, N.A. 0.3/W.D. 4.7 . . . \$315.00
- CCIS Plan Achromat Phase LWD PL Ph1 40X, N.A. 0.5/W.D. 3.0 . . . \$406.00
- Attachable mechanical stage with well plate holder (128x86mm) . . . \$810.00
- 35mm Petri dish holder \$75.00
- 54mm Petri dish holder \$75.00
- 65mm Petri dish holder \$75.00

CXL Educational Series



Model CXL

The newly designed CXL Series offers user friendly and sturdy mechanical design along with high quality LS Series DIN Semi-plan achromatic objectives. Optional objectives and halogen or LED illumination paired with solid standard features make this an ideal microscope.

Features Include:

- Choice of monocular, binocular or trinocular head
- LS Series DIM 4X, 10X, 40XR and optional 100XR objectives - 40XR & 100XR are spring retractable
- Widefield 10X eyepiece, lockable design
- Quadruple nosepiece with rubber nosepiece
- Mechanical Stage
- Extended base with hand rest
- 1.25 NA Condenser with iris diaphragm
- Coaxial focus - coarse and fine focus

Model No.	Head	Objectives - DIN ES Series	Illumination	List Price	YOUR COST
9135000	Monocular	4X, 10X, 40XR	6V/20W halogen	\$530.00	\$503.00
9135002	Binocular	4X, 10X, 40XR, 100XR	6V/20W halogen	\$715.00	\$679.00
9135003	Trinocular	4X, 10X, 40XR, 100XR	6V/20W halogen	\$845.00	\$802.00
9135008	Monocular	4X, 10X, 40XR	LED Cord or Cordless	\$570.00	\$541.00
9135006	Binocular	4X, 10X, 40XR, 100XR	LED Cord or Cordless	\$755.00	\$717.00
9135007	Trinocular	4X, 10X, 40XR, 100XR	LED Cord or Cordless	\$885.00	\$840.00

LX300 Series

Model LX300

The **LX300** spawned from a call by educators for a high value classroom and pre-clinical microscope that is ideal for continued education programs. Features Include:

- Choice of 45° inclined/360° rotatable
- Siedentopf Binocular/Trinocular
- WF 10X/18mm lockable eyepieces
- Reverse-angle quadruple nosepiece
- EP2 Plan DIN Achromatic Infinity objectives: 4X, 10X, 40XR, 100XR
- Mechanical Stage
- Sub-stage Abbe condenser NA 1.25 with blue filter
- LED illumination



Model No.	Head	Objectives	Illumination	List Price	YOUR COST
9136001	Binocular	IC 4X, 10X, 40XR, 100XR	LED	\$950.00	\$902.00
9136003	Trinocular	IC 4X, 10X, 40XR, 100XR	LED	\$1085.00	\$840.00

Accu-Scope EXM-150 Series

Model EXM-150

Designed to provide educators with a high performance, student proof instrument at an affordable price, the EXM-150 Series is an excellent choice for high schools, middle schools, technical institutes, hobbyists and home school applications. A newly designed LED illumination system provides bright, even illumination in both corded or cordless operation.

- Choice of Viewing Heads
- LED Rechargeable Illumination with adapter
- Dual View option Choice between Vertical or Incline Viewing



Model No.	Head	Objectives	Stage	Condenser	Illumination	List Price	YOUR COST
EXM-150	Monocular	4x,10x, 40x	Clips	0.65 NA Disc	LED	\$321.00	\$304.00
EXM-150-T	Teaching	4x,10x, 40x	Clips	0.65 NA Disc	LED	\$435.00	\$413.00
EXM-150-VT	Teaching - Vertical	4x,10x, 40x	Clips	0.65 NA Disc	LED	\$435.00	\$413.00
EXM-150-MS	Monocular	4x,10x, 40x	Mechanical	0.65 NA Disc	LED	\$387.00	\$367.00
EXM-150-MST	Teaching	4x,10x, 40x	Mechanical	0.65 NA Disc	LED	\$499.00	\$474.00
EXM-150-MSVT	Teaching - Vertical	4x,10x, 40x	Mechanical	0.65 NA Disc	LED	\$499.00	\$474.00
EXM-150-I	Monocular	4x,10x, 40x	Clips	1.25 Abbe/Iris	LED	\$337.00	\$320.00
EXM-150-IT	Teaching	4x,10x, 40x	Clips	1.25 Abbe/Iris	LED	\$451.00	\$428.00
EXM-150-IVT	Teaching - Vertical	4x,10x, 40x	Clips	1.25 Abbe/Iris	LED	\$451.00	\$428.00
EXM-151	Monocular	4x,10x, 40x, 100X	Mechanical	1.25 Abbe/Iris	LED	\$496.00	\$471.00
EXM-151-T	Teaching	4x,10x, 40x, 100X	Mechanical	1.25 Abbe/Iris	LED	\$610.00	\$579.00
EXM-151-VT	Teaching - Vertical	4x,10x, 40x, 100X	Mechanical	1.25 Abbe/Iris	LED	\$610.00	\$579.00

Accu-Scope EXC-100 Series



Model EXC-100

Engineered for classroom applications, the EXC-100 Series is built on a rugged, die-cast aluminum frame designed for years of use. Featuring ergonomic focusing controls, all metal focusing gears and a wide field of view, the EXC-100 Series delivers an exceptional balance of value and performance in an educational microscope.

- Optical System: DIN Optical System, f=160mm, Anti-Mold
- Viewing Head: Trinocular; Inclined 30° and rotatable 360°; Single diopter adjustment; Interpupillary distance adjustment 50-75mm
- Eyepieces: WF10x/18mm field of view; a pointer is standard in one eyepiece; eyepieces are locked in to prevent tampering
- Nosepiece: Rear facing, quadruple, ball bearing with positive click stops to ensure parcentration
- Objectives: Achromat objectives; 4x, 10x, 40xR* and 100xR oil* -- (*spring-loaded)

- Stage: Double-layer mechanical stage; size 115mm x 125mm; right hand control; vernier scale
- Illumination: Variable LED illumination, 0.2W; bulb life rated for 20,000 hours; rechargeable

Model No.	Head	Objectives	Stage	Condensor	Illumination	List Price	YOUR COST
EXC-100	Binocular	4x, 10x, 40xR, 100xR	Mechanical	NA 1.25 Abbe/Iris	LED	\$595.00	\$545.00
EXC-103	Trinocular	4x, 10x, 40xR, 100xR	Mechanical	NA 1.25 Abbe/Iris	LED	\$625.00	\$595.00

Accu-Scope EXS-210 Series



Setting a new standard for quality, versatility and performance in a compact stereo microscope, ACCU-SCOPE's EXS-210 Series offers educators and industry an exceptional value at an affordable price. The EXS-210 Stereo Microscope Series is a student-proof microscope offering tremendous value for schools and hobbyists. With a built-in carrying handle and cordless operation, the EXS-210 Series simplifies classroom set-up.

- Viewing Body: Binocular viewing head, inclined 45°, rotatable 360° and locked-in to prevent classroom tampering; interpupillary distance adjustment 54-76mm, diopter adjustment +/-5.
- Eyepieces: WF10x eyepieces, 20mm field of view; eyepieces are locked-in.

- Objectives: Fixed magnification objectives. Easily rotatable objective turret with finger grip allows for rapid and easy magnification change; objectives are Model EXS-210 parfocal and parcenter.
- Stage: 59mm frosted glass stage plate in the base provides evenly diffused illumination; 59mm black & white contrast plate is also included.
- Illumination: Dual purpose illuminators can be switched on simultaneously or independently and provide illumination from above and/or below; rechargeable LED illuminators

Model No.	Objectives	Total Magnification	Illumination	Condensor	Illumination
EXS-210-12	1x & 2x	10x or 20x	Top/Bottom LED	\$301.00	\$285.00
EXS-210-24	2x & 4x	20x or 40x	Top/Bottom LED	\$301.00	\$285.00
EXS-210-13	1x & 3x	10x or 30x	Top/Bottom LED	\$301.00	\$285.00
EXS-210-123	1x, 2x, & 3x	10x, 20x, or 30x	Top/Bottom LED	\$352.00	\$334.00
EXS-210-124	1x, 2x, & 4x	10x, 20x, or 40x	Top/Bottom LED	\$352.00	\$334.00

Focus On These Quality Glass Slides

Introduce the world of microscopy to your students through our selection of prepared slide sets. High quality 1"x3" glass slides come labeled and stored in a slotted plastic container. Five different collections of 15 slides each

Apologia Biology Series

(Set of 16)

- J1 Amoeba Proteus
- J2 Diatoms
- J3 Euglena
- J4 Ascarismitosis
- J5 Grantia Spicules
- J6 Hydra Budding
- J7 Leaf with Veins (c.s.)
- J8 Onion Root Tip
- J9 Paramecium
- J10 Planarian
- J11 Ranunculus Root
- J12 Ranunculus Stem
- J13 Spirogyra w/Conjugation
- J14 Volvox
- J15 Zea Mays Root
- J16 Zea Mays Stem

B17113...\$48.00 /set**Basic Zoology**

(Set of 15)

- E1 Hair Follicle - Human
- E2 Skeletal Muscle (t.s./l.s.)
- E3 Kidney (l.s.)
- E4 Taste Bud (t.s.)
- E5 Earthworm (t.s.)
- E6 Artery and Vein (t.s.)
- E7 Sperm - Human Smear
- E8 Lung Section
- E9 Gill - Fresh Water Fish (t.s.)
- E10 Frog Skin Pigment Cell
- E11 Frog Egg Early Cleavage (sec.)
- E12 Lymph Node (sec.)
- E13 Ovary from Mammal(sec.)
- E14 Nerve Cell
- E15 Simple Squamous Epithelium (sec.)

B17109.....\$45.00/set**Basic Botany**

(Set of 15)

- D1 Onion Root Tip Mitosis(l.s.)
- D2 Lichens Foliose Body(sec.)
- D3 Fumaria Whole (w.m.)
- D4 Fern Leaf (w.m.)
- D5 Pinus Xylem Stem(t.s.)
- D6 Pinus Young Male Cone (l.s.)
- D7 Pinus Young Female Cone(l.s.)
- D8 Pumpkin Stem (l.s.)
- D9 Pumpkin Stem (t.s.)
- D10 Zee Mays Root (t.s.)
- D11 Zee Mays Root (l.s.)
- D12 Triticum Aestivum Leaf Epidermis(w.m.)
- D13 Liliium Browni Ovary(t.s.)
- D14 Pollen Tube Budding(w.m.)
- D15 Zee Mays Seed (l.s.)

B17108....\$45.00 /set**Microbiology / Genetics**

(Set Of 5)

- G1 Bacteria (bacillus) gram -(negative)
- G2 Bacteria (bacillus) gram + (positive)
- G3 Chromosome (female) in Giemsa
- G4 Chromosome (male) in Giemsa
- G5 Mitosis; Stages of Plant Mitosis

B17111....\$40.00 /set**Intro to Biology**

(Set of 15)

- B1 Conjugation of Spirogyra
- B2 Lichen (w.m.)
- B3 Moss Cluster (w.m.)
- B4 Spinal Cord (t.s.)
- B5 Wheat Seed (l.s.)
- B6 Pinus Pollen (w.m.)
- B7 Stem of Dicotyledon(t.s.)
- B8 Stem of Monocotyledon (t.s.)
- B9 Triticum Aestivum Leaf Eiders (w.m.)
- B10 Terminal Bud (l.s.)
- B11 Single Cell Zoo (w.m.)
- B12 Animal Cell Mitosis
- B13 Cardiac Muscle (sec.)
- B14 Blood Smear
- B15 Kidney (l.s.)

B17106...\$45.00 /set**Plastic Coverslips**

These coverslips are made from clear plastic. Tissue is placed between each coverslip to protect them from scratching. Available in two different sizes and sold in boxes of 100.

C17107-18

18mm x 18mm,
100per
\$13.00 /pk.

C17107-22

22mm x 22mm,
100per
\$13.00 /pk.

Deadly Human Diseases

(set of 10)

- M1 Anthrax (Bacillus Anthracis)
- M2 Tetanus (Clostridium Tetani)
- M3 Botulism (Clostridium botulinum)
- M4 Typhoid Fever (Salmonella typhosa)
- M5 Epidemic Dysentery (Shigella dysenteriae)
- M6 Tuberculosis (Mycobacterium tuberculosis)
- M7 Suppurative and Putrefying Infections (Proteus vulgaris)
- M8 Virulent Pneumonia (Klebsiella pneumoniae)
- M9 Hemolytic Infections such as Strep Throat (Streptococcus pyogenes)
- M10 Blue-Pus Infections such as Wound and Burn Infections (Pseudomonas aeruginosa)

B17116..\$104.00 /set**Frosted Glass Microscope Slides**

Frosted glass slides are standard 1 inch x 3 inches and 1mm1.2mm thick. This slide has one sandblasted end used for marking and identifying. Frosted area is 19 mm long. 72 slides per box. Pack of 72.

C17105....\$16.00 /pk.



Focus On These Quality Glass Slides

Forensics

(Set of 17)

- K1 Digestive System (cat)
- K2 Connective Tissue (frog)
- K3 Human Blood (smear)
- K4 Nerve Tissue (pig)
- K5 Hemopoetic System(pig)
- K6 Vascular System (dog)
- K7 Human Cheek Cells
- K8 Epithelial Tissue (cat)
- K9 Muscle Tissue (cat)
- K10 Endocrine System (cat)
- K11 Respiratory Sys (cat)
- K12 Excretory System (rabbit)
- K13 Human Hair
- K14 Fingerprints
- K15 Human Skin
- K16 Human Blood Smear or Blood Stain
- K17 Textile Fibers (cotton)

B17114....\$40.00 /set

Small Organisms

(Set of 15)

- A1 Bird Feather
- A2 Bee Leg
- A3 Butterfly Mouth Parts
- A4 House Fly Wing
- A5 Aphid
- A6 Honey Bee Mouth(w.m.)
- A7 Planaria (w.m.)
- A8 Hydra
- A9 Daphnia
- A10 Trachurus Trichiura
- A11 Single Cell
- A12 Mosquito Larva
- A13 Fish Scales
- A14 Insect Compound Eye
- A15 Paramecium Division

B17105.....\$45.00/set

General Slides

- BSLI1001 Letter e , w.m **\$ 37.50**
- BSLI1002 Fibers Slide Cotton, Linen, Hemp **\$ 37.50**
- BSLI1003 Thread Slide Yellow on Blue on Red **\$40.00**
- BSLI1004 Plant Mitosis (Onion Root Tip), sec. **\$40.00**
- BSLI1005 Plant Meiosis (Lily Anther), sec. **\$40.00**
- BSLI1006 Animal Mitosis (Horse Ascarid Eggs), sec. **\$50.00**
- BSLI1007 Animal Meiosis (Locust Testicle), sec. **\$50.00**

Single Concave Microscope Slides

Single concave glass slides are ideal for studying live micro organisms because of a single depression well in the middle of the slide. The dip is .5 mm to .8 mm deep which is perfect for viewing liquids like pond water. Larger organisms won't be damaged or squashed when you apply the slip cover and the water is prevented from drying out as quickly as with a plain glass slide. This reusable microscope slide has ground edges and measures 1" x 3" and is 1mm to 1.3mm thick. 72 slides per pack. **C17103....\$35.00 /pk.**

Plain Glass Microscope Slides

Standard microscope slides are 1" x 3" and are made from glass and are approx. 1mm to 1.2mm thick. 72 pieces per box.

C17101....\$10.00 /pk.

Microbial World

(Set of 15)

- C1 Bacteria (3types)(Smear)
- C2 Saccharomyces (Smear)
- C3 Chlamydomonas (w.m.)
- C4 Penicillium (w.m.)
- C5 Volvox (w.m.)
- C6 Spyrogyra (w.m.)
- C7 Aspergillus (w.m.)
- C8 Euglena
- C9 Paramecium
- C10 Amoeba (w.m.)
- C11 Agaricus Section
- C12 Actinomyces
- C13 Hydra Budding (w.m.)
- C14 Chlorella (w.m.)
- C15 Bacteria from Cheese

B17107....\$45.00 /set

Water Life

(Set of 12)

- N1 Bacteria, Three Types (coccus, rod & spiral (smear)
- N2 Daphnia (crustacean) (w.m.)
- N3 Desmids (green algae) (w.m.)
- N4 Diatoms, Marine (w.m.)
- N5 Elodea or Hydrilla Leaf (w.m.)
- N6 Euglena (w.m.)
- N7 Fish Scales, Three Types (cycloid, clenoid & placoid) (w.m.)
- N8 Hydra, Budding (w.m.)
- N9 Paramecium caudatum (w.m.)
- N10 Planaria (flatworm)(w.m.)
- N11 Spirogyra (green algae)(w.m.)
- N12 Volvox (green algae)(w.m.)

B17117....\$35.00 /set

Mitosis

(Set of 2)

- R1 Plant Mitosis Onion Root (sec.)
- R2 Animal Mitosis-Horse ascarid eggs (sec.)

B17121....\$51.00 /set

Double Concave Microscope Slides

Double concave blank microscope slides are manufactured from high quality white glass sheets. The slides are pre-cleaned and optically clear. These are standard 1" x 3" slides with clear glass and ground edges. The slides range from 1.0 - 1.3 mm thick. These slides have a double concave recess in the slide that is ideal for side-by-side viewing of liquid and other specimens. The slides are vacuum sealed in plastic to prevent dust contamination and packed in boxes of 72 with each individually wrapped in tissue to help prevent sticking. Pack of 72.

C17104....\$45.00 /pk.

Plastic Slides

These microscope slides are made of plastic, making them safer than glass slides. Each slide measures 1" x 3" and are sold in packages of 144 slides.

C17106.....\$17 /pk.

Swift M2650

Model M2251B



The M2650 Series is the newest arrival to the Motic Swift Line family of educational microscopes. This series offers coaxial focusing, fixed or mechanical stages, and variable LED Cordless illumination. Ideal for elementary and middle school students.

- Choice of Monocular, Binocular and Trinocular Head
- Coaxial Coarse and Fine Focus for Easy Focus
- 0.5W LED Illumination provides even, comfortable and bright illumination for all types of specimens

Model No.	Body	Eye-piece	Objectives	Condensor	Illumination	List Price	YOUR COST
M2651C	Monocular	WF 10X	4X,10X, 40XR	0.65NA Disc	LED	\$331.00	\$314.00
M2652C	Monocular	WF 10X	4X,10X, 40XR	1.25 Abbe Iris	LED	\$363.00	\$344.00
M2652CB-3	Binocular	WF 10X	4X,10X, 40XR	1.25 Abbe Iris	LED	520.00	\$494.00
M2652CB-4	Binocular	WF 10X	4X,10X, 40XR, 100XR	1.25 Abbe Iris	LED	\$611.00	\$580.00
M2652CT-3	Trinocular	WF 10X	4X,10X, 40XR	1.25 Abbe Iris	LED	\$678.00	\$644.00
M2652CT-4	Trinocular	WF 10X	4X,10X, 40XR, 100XR	1.25 Abbe Iris	LED	\$768.00	\$729.00

Manufacturers will upgrade models and change series from time to time. When this occurs Capital Microscope Services will provide the most current model/series of the product ordered.

Walter Numbered Human Skull - 3 part

This classic human skull model is numbered to help identify the key structures of the human skull. Skull sutures, fissures, foramina, and processes are drawn and clearly defined to make the anatomy of the human skull easy to teach and learn in any setting. The skullcap and mandible can be removed. Corresponding key card is included.

Dimensions: 8" x 5" x 6" (20 x 14 x 16cm)
B10221.....\$75.00 /ea.



Walter Human Skull

This high quality human skull is life sized and designed with precision to include extremely accurate representations of all sutures, fissures, joints, foramina, and processes. Features a removable skullcap for further study of the interior structure.

Dimensions: 9" x 6" x 6" (23 x 15 x 15cm)
B10207A.....\$35.00 /ea.



Walter Colored Human Skull

The 22 colored classic skull model is a great addition to any classroom. This life size model comes with an instruction manual that corresponds to the 22 different colors, making it easy to learn the location and relationship of the structures of the human skull.

Dimensions: 8" x 8" x 5.5" (20 x 20 x 14cm)
B10218.....\$8000 /ea.



Walter Flexible Spinal Column

This life size vertebral column includes the sacrum, coccyx, pelvis and removable femur heads. Complete with the pubic symphysis, this model shows great detail representing the vertebral arteries, spinal nerve branches and intervertebral discs. Muscle origin (red) and insertions (blue) are also depicted in the left side of the model for further learning.

Dimensions: 6" x 8" x 37"
 (20 x 20 x 95cm)
B10209.....\$170.00 /ea.



Dicot Flower Model

The dicot flower model is enlarged approximately 8 times and allows students to easily study the floral components and the reproductive functions of flowers. This model can be disassembled to reveal the pollen grains inside, showing the process of pollination. Important structures are numbered on the flower model and corresponds to an identification key for enhanced learning.

Dimension: 17.7" x 15.7" x 12" (45 x 40 x 30cm)
B10307.....\$170.00 /ea.



Human Skeletons

These skeletons are cast in durable, natural color plastic. Bones are cast individually with all the anatomical detail. All moveable parts are joined by connectors, and utilized in such a way to allow movement around the joint complexes. The mandible is hinged, and the calvarium is sectioned to permit study of the endocranium, and the skull. A chrome plated metal base and labeled diagram is included.

Model No.	Description	YOUR COST
CMS10201	168cm Full Size Skeleton with Dust Cover	\$345.00
CMS10200	66"(168cm) Full Size Human Skeleton with Muscles	\$425.00



Walter Hand Skeleton

The hand is mounted on a base and shows the detail portions of the ulna and radius. The skeleton hand model is fully articulated with wire and is slightly flexible to portray the natural movement of the human hand.

Dimension: 4.5" x 4.5" x 10"
 (11 x 11 x 26cm)
B10210.....\$65.00 /ea.



Walter Foot Skeleton This foot model is mounted on a base and includes the distal portions of the tibia and fibula. This detailed model is fully articulated and is a great aid in educating students about the different structures and names of the bones in the foot



Dimension: 5" x 8" x 9"
 (12 x 20 x 26cm)
B10211.....\$75.00 /ea.

Walter Skin Model

This model shows the structure of human skin in three dimension, 70X enlarged. Individual layers of skin are clearly differentiated and anatomical structures such as hair follicles, sweat glands, receptors, blood vessels, nerves, elector muscles and sebaceous glands are shown in detail. The different layers and features are numbered and labeled on a corresponding key card included with the model. Mounted on 10.5" x 7.5" board Dimension: 10.5" x 7.5" x 11" (27 x 19 x 28cm)
B10425.....\$160.00 /ea.



