

جامعة الأردنية
مدرسة المعاهدات المركزية
قرار إحالة ميداني قابل للاعتراض
خلال أسبوعه خمسة أيام من
تاريخ ٢٠٢٤ / ٦ / ٢٨

الجامعة الأردنية

الجامعة الأردنية
لجنة الشراء الرئيسية

التاريخ : 1445/ / هـ
الموافق : 2024/ / م

- ❖ رقم العطاء : (2023/475) .
- ❖ موضوع العطاء : توريد وتركيب وتشغيل وصيانة أجهزة حاجة مختبرات قسم البستنة والمحاصيل وقسم وقاية النبات في كلية الزراعة .
- ❖ القيمة الاجمالية للعطاء : (59616.024) نسعة وخمسون ألفاً وسمائة وسنة عشر ديناراً وأربعة وعشرون فلساً .
- ❖ رقم قرار الاحالة : (2024/) .
- ❖ تاريخ الإعلان عن العطاء في الصحف المحلية : 2023/11/13 م .
- ❖ تاريخ فتح العروض : 2023/12/5 م .
- ❖ تاريخ جلسة لجنة الشراء الرئيسية : 2023/12/5 م .
- ❖ رقم الجلسة : (2023/80) .
- ❖ رقم طلب الشراء : (231914) بقيمة (70000.000) سبعون الف دينار .

*** العروض التي وردت بشأن هذا العطاء :

1. شركة واحة العلوم للتجارة .
2. شركة مواهب الشرق الاوسط للتجهيزات المخبرية والعلمية .
3. التعاون للتجهيزات المخبرية والعلمية .
4. التجمع الطبي العلمي العربي .
5. شركة الجينوم الطبية .
6. مؤسسة حجاز للتجهيزات الالكترونية والعلمية .
7. شركة البتراء للتقنيات العلمية (مستبعد) .

قرار لجنة الشراء الرئيسية

رقم القرار : 2024/17
رقم الجلسة : 2024/17
تاريخ الجلسة: 2024/3/26

مضمون القرار :

أولاً : قررت اللجنة إحالة العطاء على السادة شركة الجينوم الطبية , وذلك وفقاً للأسعار والمواصفات الواردة في عرضهم رقم (S02254) المؤرخ في 2023/11/23م, وكتابهم اللاحق تاريخ 2024/3/18 ، وكتابهم اللاحق رقم (بلا) المؤرخ في 2024/4/8 وكما هو مبين تالياً :

- ❖ **بقيمة إجمالية مقدارها :** (3842.400) ثلاثة الاف وثمانمائة واثنان واربعون دينار واربعمائة فلس .
- ❖ **الأسعار :** شاملة للرسوم الجمركية ، وشاملة للضريبة العامة على المبيعات ، وشاملة للتوريد والتكيب والتشغيل ، واصله مستودعات الجامعة ، وشاملة الصيانة المجانية الشاملة لقطع الغيار لمدة عام واحد من تاريخ التشغيل ، وغير شاملة رسوم الإحالة والطابع بحيث تدفع عند تبلغ قرار الإحالة والتوقيع عليه وحسب الأصول
- ❖ **مدة التسليم :** (3-5) شهور من تاريخ التوقيع على قرار الاحالة النهائي .
- ❖ **أسباب الإحالة :** الارخص المطابق .

ثانياً : قررت اللجنة إحالة العطاء على السادة شركة مواهب الشرق الاوسط للتجهيزات المخبرية والعلمية , وذلك وفقاً للأسعار والمواصفات الواردة في عرضهم رقم (MET041223JU) المؤرخ في 2023/12/4م, وكتابهم اللاحق رقم (MET-JU475-27032024-1) المؤرخ في 2024/3/27, وكتابهم اللاحق رقم (MET-JU475-442024-1) المؤرخ في 2024/4/4 وكما هو مبين تالياً :

- ❖ **بقيمة إجمالية مقدارها :** (17711.344) سبعة عشر الفاً وسبعمائة وأحد عشر دينار وثلاثمائة واربعة واربعون فلساً .
- ❖ **الأسعار :** شاملة للرسوم الجمركية ، وشاملة للضريبة العامة على المبيعات ، وشاملة للتوريد والتكيب والتشغيل ، واصله مستودعات الجامعة ، وشاملة الصيانة المجانية الشاملة لقطع الغيار لمدة عام واحد من تاريخ التشغيل ، وغير شاملة رسوم الإحالة والطابع بحيث تدفع عند تبلغ قرار الإحالة والتوقيع عليه وحسب الأصول
- ❖ **مدة التسليم :** (2-6) شهور من تاريخ التوقيع على قرار الاحالة النهائي .
- ❖ **أسباب الإحالة :** ارخص المطابق .

صفحة رقم (2) من قرار الإحالة رقم (2024/) .

ثالثاً : قررت اللجنة إحالة العطاء على السادة مؤسسة حجاز للتجهيزات الالكترونية والعلمية , وذلك وفقاً للأسعار والمواصفات الواردة في عرضهم رقم (Nr.041223) المؤرخ في 2023/12/4م, وكتابهم اللاحق تاريخ 2024/1/23 وكتابهم اللاحق رقم (260324) المؤرخ في 2024/3/26, وكما هو مبين تالياً :

❖ **بقيمة إجمالية مقدارها :** (5838.280) خمسة الاف وثمانمائة وثمانية وثلاثون ديناراً ومائتين وثمانون فلساً .

❖ **الأسعار :** شاملة للرسوم الجمركية , وشاملة للضريبة العامة على المبيعات , وشاملة للتوريد والتركيب والتشغيل , واصلة مستودعات الجامعة , وشاملة الصيانة المجانية الشاملة لقطع الغيار لمدة عام واحد من تاريخ التشغيل , وغير شاملة رسوم الإحالة والطابع بحيث تدفع عند تبلغ قرار الإحالة والتوقيع عليه وحسب الأصول

❖ **مدة التسليم :** (1-5) شهور من تاريخ التوقيع على قرار الاحالة النهائي .

❖ **أسباب الإحالة :** ارضص المطابق .

رابعاً : قررت اللجنة إحالة العطاء على السادة التعاون للتجهيزات المخبرية والعلمية , وذلك وفقاً للأسعار والمواصفات الواردة في عرضهم رقم (2023-TNDR-0886) المؤرخ في 2023/12/3م, وكتابهم اللاحق رقم (2024-TNDR-1008) المؤرخ في 2024/4/7 وكما هو مبين تالياً :

❖ **بقيمة إجمالية مقدارها :** (31349.000) واحد وثلاثون ألفاً وثلاثمائة وتسعة واربعون ديناراً.

❖ **الأسعار :** شاملة للرسوم الجمركية , وشاملة للضريبة العامة على المبيعات , وشاملة للتوريد والتركيب والتشغيل , واصلة مستودعات الجامعة , وشاملة الصيانة المجانية الشاملة لقطع الغيار لمدة عامين من تاريخ التشغيل , وغير شاملة رسوم الإحالة والطابع بحيث تدفع عند تبلغ قرار الإحالة والتوقيع عليه وحسب الأصول

❖ **مدة التسليم :** (2-6) شهور من تاريخ التوقيع على قرار الاحالة النهائي .

❖ **أسباب الإحالة :** ارضص المطابق .

خامساً : قررت اللجنة إحالة العطاء على السادة شركة واحة العلوم للتجارة , وذلك وفقاً للأسعار والمواصفات الواردة في عرضهم رقم (BS/23-11-355) المؤرخ في 2023/12/4م, وكتابهم اللاحق رقم (Let-BS-24-077) المؤرخ في 2024/4/7 , وكما هو مبين تالياً :

❖ **بقيمة إجمالية مقدارها :** (875.000) ثمانمائة وخمسة وسبعون ديناراً.

❖ **الأسعار :** شاملة للرسوم الجمركية , وشاملة للضريبة العامة على المبيعات , وشاملة للتوريد والتركيب والتشغيل , واصلة مستودعات الجامعة , وشاملة الصيانة المجانية الشاملة لقطع الغيار لمدة عام واحد من تاريخ التشغيل , وغير شاملة رسوم الإحالة والطابع بحيث تدفع عند تبلغ قرار الإحالة والتوقيع عليه وحسب الأصول

❖ **مدة التسليم :** (2-4) شهور من تاريخ التوقيع على قرار الاحالة النهائي .

❖ **أسباب الإحالة :** ارضص المطابق .

شروط قرار الإحالة للعطاء رقم (2023/475)

- أولاً : يعتبر نظام المشتريات الحكومية رقم (8) لسنة 2022 وتعديلاته وتعليماته التنفيذية جزءاً لا يتجزء من قرار الإحالة .
- ثانياً : تسليم البنود المطلوبة خلال الفترة الزمنية المحددة لذلك .
- ثالثاً : تقديم كفالة حسن تنفيذ بنسبة (10%) من القيمة الإجمالية للإحالة, ويشترط في الكفالة أن تتضمن عبارة " تجدد الكفالة تلقائياً لحين ورود ما يبين تحقق الغاية منها حسب الأصول من الجهة المعنية.
- رابعاً : يغرّم المتعهد نسبة واحد بالألف من قيمة البنود المتأخر في توريدها عن كل يوم تأخير في التسليم وعلى أن لا تتجاوز قيمة الغرامة (15%) من القيمة الاحتمالية للقرار .
- خامساً : يلتزم المتعهد إلتزاماً تاماً بما ورد في قرار الإحالة رقم (2024/) وبما ورد في عرضه من حيث الأسعار والكميات والكتالوجات والمواصفات والعينات والشروط العامة والخاصة لهذا العطاء وفي حالة مخالفته لما ورد في قرار الإحالة يطبق عليه جميع أو بعض نصوص النظام النافذ للمشتريات الحكومية .
- سادساً: تقديم كفالة صيانة بنسبة (5%) من القيمة الاجمالية للاحالة سارية المفعول للمدد المبينة في احالة كل شركة شاملة قطع الغيار من تاريخ التشغيل ، ويشترط في الكفالة ان تتضمن عبارة " تجدد الكفالة تلقائياً لحين ورود ما يبين تحقق الغاية منها وحسب الاصول" .
- سابعاً : يلتزم المتعهد بتقديم كفالة خطية مصدقة من كاتب العدل لضمان سوء المصنعية بكامل قيمة المواد الموردة مضافا اليها (15%) من قيمتها لمدة سنة ميلادية من تاريخ الاستلام النهائي, وبحيث يلتزم المتعهد خلالها باستبدال المواد التي ثبت سوء مصنعيها بمواد جديدة وعلى نفقته خلال شهرين من تاريخ اشعارة بذلك من قبل الجامعة الاردنية .
- ثامناً : أجور الإعلان على من يرسو عليه العطاء مهما تعددت مرات الإعلان .
- تاسعاً : يتم دفع رسوم الإحالة والطوابع (خلال عشرة أيام) من تاريخ تبليغ قرار الإحالة , وبالعكس ذلك يطبق قانون الرسوم والطوابع .
- عاشراً : يحق للجامعة الاردنية زيادة او تخفيض الكميات وفقا للمادة رقم (15) من ملحق رقم (1) ادارة العقد, من النظام النافذ للمشتريات الحكومية .
- أحد عشر: يخضع هذا القرار للتصديق من الجهة المخولة بالتصديق عليه بمقتضى أحكام نظام المشتريات الحكومية رقم (8) لسنة 2022 وتعديلاته وتعليماته التنفيذية , ولا يعتبر ساري المفعول إلا بعد المصادقة عليه حسب الأصول .

لجنة الشراء الرئيسية في جلستها ذات الرقم (2024/17)
المنعقدة بتاريخ 2024/3/26م , للعتاء رقم (2023/475)

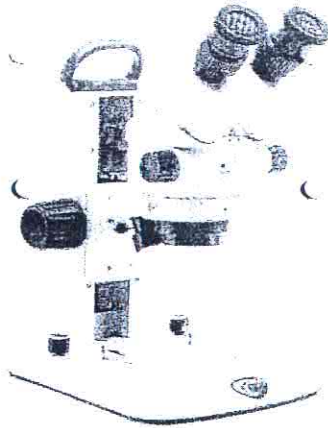
رئيس لجنة الشراء الرئيسية		وحدة الشؤون المالية عضو
(الأستاذ الدكتور خالد الفوارس)		(الدكتور حمزة الموالي)
مدير دائرة العطاءات والتزويد /مستشفى الجامعة الاردنية عضو		مدير دائرة اللوازم المركزية عضو
(الصيدلانية لبنى الخرايشة)		(السيد محمد خريسات)
أمين السر مدير دائرة العطاءات المركزية	مراقب ديوان المحاسبة رئيس مراقبة الجامعة الاردنية	مديرة دائرة الشؤون القانونية عضو
(السيد بسام النعيمي)	(السيد عبد القادر الفلاحات)	(الدكتور محمد الفواعرة)

كشف رقم (1) يبين البنود المحالة على السادة شركة الجينوم الطبية بموجب العطاء رقم (2023/475)

No	Cat	Description	Unit	Qty	U.price	Tax	U.price With Tax	T.Price	Origin
1	S1X-2	Binocular stereozoom microscope, 7x...45x Head: Binocular, 45° inclined, 360° rotating, Dioptic adjustment; Both eyepieces. Eyepieces: WF10x/21 mm, high eyepoint, secured by screw and with rubber cups. Objective: Parfocal achromatic zoom (0.7x...4.5x (6.43:1 ratio) with anti-fungus treatment. Working distance: 100 mm. Stand: High-grade, precision fixed with handle and focus.Focusing: Rack and pinion focusing mechanism. Illumination: EcoLED™ swiveling incident and transmitted, with brightness control, rechargeable batteries. Color temperature: 6,300 K. Multi-plug 100-240Vac/5Vdc external power supply.	Units	10	339,000	54,240	393,240	3932,400	Optika Microscope Italy
TOTAL PRICE WITH TAX 16% : (3932.400) JD									
Discount : (90.000) JD									
TOTAL PRICE WITH DISCOUNT AND WITH TAX 16% : (3842.400) JD									

ملاحظة : تلتزم الشركة بتقديم Slide Storage Box سعة 100 و سعة 25 مجاناً (العدد 1) لكامل الكمية .

صورة تبين كتالوج البند المحال المحالة على السادة شركة الجينوم الطبية بموجب العطاء رقم (2023/475)



*Binocular stereozoom microscope,
7x...45x*

Observation Method - Transmitted Light	Brightfield	Yes
Observation Method - Incident Light	Brightfield	Yes
Head	Type	Binocular
	Construction material	Aluminum & Plastic molds / Aluminum gears
	Inclination	45°
	360° rotating	Yes
	Interpupillary distance (mm)	51-75
	Diopter adjustment	On both tubes
	Head holder internal diameter (mm)	76
Tube inner diameter (mm)	30	
Eyepieces	Field number (mm)	21
	Magnification	10x
	Micrometric scale	As optional
	Diameter of micrometer glass (mm)	23
	High eyepoint (for glass wearers)	Yes
	Rubber cup	Yes
	Retractable protections	Yes
Objective	Optical system	Greenough
	Anti-fungus treatment	Yes
	Objective Type	Achromatic
	Zoom type	Parfocal achromatic
	Working distance (mm)	100
	Standard magnifications	7x-45x
	Zoom ratio	6,43
	Objective numerical aperture	0.02 @ 0.67x 0.07 @ 4.5x
	Objective resolution	60 lp/mm @ 0.67x 240 lp/mm @ 4.5x

Focusing System	Type	Coarse
	Coarse total travel (mm)	110
	Adjustable tension	Yes
	Head holder internal diameter (mm)	76
Stand	Type	Fixed arm
	Handle	Yes
Stage	White diffusion plate for transmitted ill.	Yes, diameter 100 mm
	Black/white contrast plate for incident ill.	As optional
	Specimen clips	Yes
Transmitted Illumination	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
Incident Illumination	Type	EcoLED
	Brightness control	Manual
	Lifetime (hours)	> 65,000
	Temperature (K)	6,300
	Max. required power (W)	No
Power Supply for Illumination	Type	External
	Microscope connector	Jack, 2.1 mm
	Power plug type	Multi-plug (EU, UK, US)
	Input voltage	100/240 Vac, 50/60 Hz
	Output voltage	5 Vdc 500 mA
	LED indicator	Yes
	Rechargeable batteries	Yes
	Battery type	Ni-MH (3x, AA size), 1.2V
	Working time of batteries (hours)	up to 8
Charging time of batteries (hours)	8	
Accessories Included	Dust cover	Yes
	User Manual	Digital version (downloadable)
Additional Information	Maximum sample height (mm):	100
Product Dimensions	Total height (mm)	365
	Head height (mm)	230
	Head width (mm)	140
	Head depth (mm)	150
	Base height (mm)	30
	Base width (mm)	205
	Base depth (mm)	280
Product Weight	(kg)	3,5

كشف رقم (1-2) بين البنود المحالة على السادة شركة مواهب الشرق الأوسط للتجهيزات المخبرية والعلمية بموجب العطاء رقم (2023/475)

No.	cat#	Description	Supplier / Origin	Unit	Qty	Unit Price	Amount
2+3	LMISC-A100	<p>Insect Cabinet</p> <p>Capacity : 12 drawers Material of drawer : Pine wood Colour : Grey Framework : Solid, heavy-gauge welded steel Thickness of framework : 1.0 mm Door : Lift-off reinforced door Seal : Elastomeric Seal Dimension : 595 × 510 × 1086 mm Features:- * Drawers to hold individual specimens * Drawers with transparent covers of glass or acrylic material for easy observation * Handles for easy handling of drawers * Elastomeric seal for tight and dust-proof protection * Hinges to ensure integrity and security of the cabinet * Lift-off reinforced doors for easy handling * Locks to provide secure closures and prevent unauthorized access * Proper ventilation prevents moisture buildup</p>	Labmate Scientific inc. (USA) / China	Each	1	4600.000	4600.000
4	FLV12	<p>RANGE HN - Vertical laminar flow clean bench 1200</p> <p>Compliance EN 61010-1, EN 61326-1, EN 61000-6-3 External dimensions HxWxD (mm) 1345 x 1360x 795 Internal dimensions HxWxD (mm) 620 x 1195 x 630 Shipping dimensions HxWxD (mm) 1500 x 1450 x 850 Airflow (m/s) 0,4 Voltage (volts) 220 Flow (m3/h) 2150 Hour counter Includ Voltage (volts) 0,99999 Electrical power (W) 760</p>	Ecosafe / Switzerland	Each	1	6990.000	6990.000

كشف رقم (2-2) بين البنود المحالة على السادة شركة مواهب الاوسط للتجهيزات المخبرية والعلمية بموجب العطاء رقم (2023/475)

No.	cat#	Description	Supplier / Origin	Unit	Qty	Unit Price	Amount
7	LMFSC-A100	<p>Weight (kg) 185.00</p> <p>TECHNICAL FEATURES</p> <ul style="list-style-type: none"> • Microprocessor control system with digital display for airflow speed. • G14 pre-filter with 85% efficiency for particles >0.5µm and H14 HEPA filter with 99.999% efficiency for particles ≥0.3µm. • Automatic airflow compensation system to prevent filter clogging. • Audible and visual alarm in case of airflow defect. • Cold rolled steel sheet hood with electrostatic powder coating. • One-piece 304 stainless steel worktop. • 2 power sockets (2.5 A). • Integrated low voltage lighting and > 800 lux - 30W. • Noise level below 60 dB(A). • Power supply: 230 V, 50 Hz. • Power consumption: 760 W. • Motor flow rate: 2.150 m3/h. 	Labmate Scientific inc. (USA) / China	Each	1	3990.000	3990.000

Flammable Storage Cabinet

Specifications:-

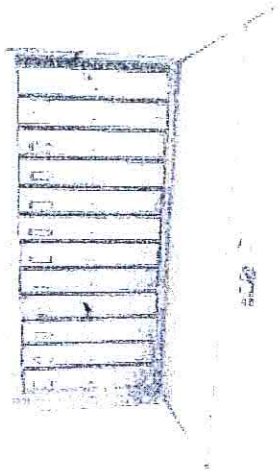
- * Storage Capacity : 1000 L
- * Shelves : 4 (adjustable)
- * Coating : Fire resistance and chemical corrosion resistance
- * Dimension : 1200 × 500 × 2000 mm
- * Double walled design improves fire resistance
- * Vents release harmful fumes and maintain air circulation within cabinet
- * Wire baffle and cap adds an extra layer of safety
- * Yellow high gloss powder finish serves as a visual indicator
- * Grounding reduces risk of sparks
- * 3-point key lock, enhances security
- * Leakproof door sill prevents leakage

كشف رقم (3-2) يبين البنود المحالة على السادة شركة مواهب الشرق الاوسط للتجهيزات المخبرية والعلمية بموجب العطاء رقم (2023/475)

No.	cat#	Description	Supplier / Origin	Unit	Qty	Unit Price	Amount
		Features:- * Specialized storage unit designed to safely store flammable liquids and materials * Constructed of 18-gauge steel to enhance durability and sturdiness. * Minimize the risk of fire, ensuring safety of the operator and environment * Cabinet accommodates the quantity of flammable materials without overloading					
TOTAL PRICE WITHOUT TAX 16% : (15580.000) JD							
DISCOUNT 2% :(311.600) JD							
TOTAL PRICE AFTER DISCOUNT : (15268.400) JD							
TAX 16% :(2442.944) JD							
TOTAL PRICE AFTER DISCOUNT WITH TAX: (17711.344) JD							

صورة تبين كتالوجات البنود المحالة على السادة شركة مواهب الشرق الاوسط للتجهيزات المخبرية والعلمية
بموجب العطاء رقم (2023/475)

Lab



Insect Cabinet LMISC-A100

www.labmate.com | info@labmate.com

Ita # 2(B)

Insect Cabinet LMISC-A100 is a storage unit with 12 specimen drawers to store and organize insect specimen. High-quality cold-rolled steel plate with a layer thickness of 1.0 mm. Drawers with detachable small single doors and the doorframe is equipped with seal strip.

Capacity	12 drawers
Material of drawer	Pine wood
Colour	Grey
Framework	Solid, heavy-gauge welded steel
Thickness of framework	1.0 mm
Door	Lift-off reinforced door
Seal	Elastomeric Seal
Dimension	595 × 510 × 1086 mm

- Drawers to hold individual specimens
- Drawers with transparent covers of glass or acrylic material for easy observation
- Handles for easy handling of drawers
- Elastomeric seal for tight and dust-proof protection
- Hinges to ensure integrity and security of the cabinet
- Lift-off reinforced doors for easy handling

Secure closures and prevent unauthorized access
- Proper ventilation prevents moisture buildup

Insect cabinets are used widely for the organized storage and preservation of insect specimens, providing a controlled environment for entomological research, taxonomy, and educational purposes.

Lab

Labmate Scientific

Email: info@labmate.com | Website: www.labmate.com

Lab

Flammable Storage Cabinet

LMFSC-A100

www.labmate.com | info@labmate.com

Item # 7.AA

Flammable Storage Cabinet MFSC-A100 is a specialized storage unit designed to safely store flammable liquids and materials. It helps minimize the risk of fire, ensuring safety of the operator and environment. Constructed of 18-gauge steel to enhance durability and sturdiness. Cabinet accommodates the quantity of flammable materials without overloading, promoting safety.

Storage Capacity	1000 L
Shelves	4 (adjustable)
Coating	Fire resistance and chemical corrosion resistance
Dimension	1200 × 500 × 2000 mm

- Double walled design improves fire resistance
- Vents release harmful fumes and maintain air circulation within cabinet
- Wire baffle and cap adds an extra layer of safety
- Yellow high gloss powder finish serves as a visual indicator
- Grounding reduces risk of sparks
- 3-point key lock, enhances security
- Leakproof door sill prevents leakage

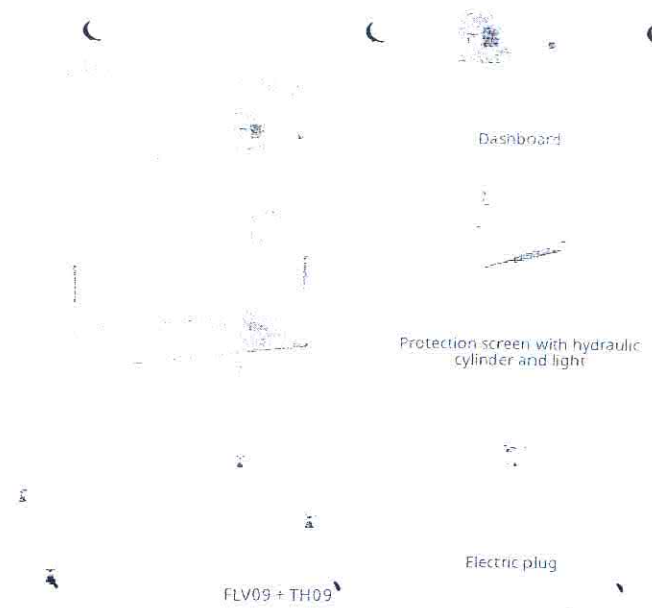
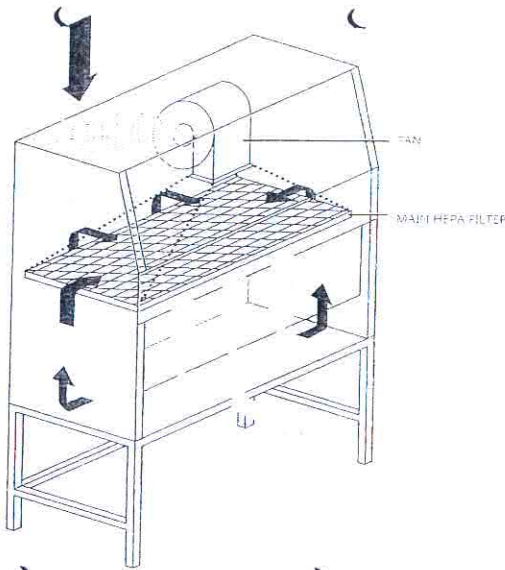
Flammable storage cabinets are essential for storage and handling of flammable materials across laboratories, hospitals, healthcare sectors, academic institutions, chemical storage, etc.

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Email: info@labmate.com | Website: www.labmate.com

Functioning diagram



Providing first class product protection, vertical laminar flow hoods are the instruments of choice when handling non-pathogenic biological samples, cell and tissue cultures in the pharmaceutical, electronics, optical and food industries. The airflow is automatically maintained at 0.40 m/s. 30% of the air is expelled from the HEPA exhaust filter and the remaining 70% of the HEPA filtered air is recycled through the slots on the sides and rear of the work chamber.

- European Directive 2007/47/EC on medical devices.
- European Directive 2006/95/EC on electrical equipment
- European Directive 93/98/EC on CE marking
- European Directive 92/31/EC and 2004/108/EC on electromagnetic compatibility
- Standards EN 61010-1, EN 61326-1, EN 61000-6-3

- Low-noise fan with high light intensity
- Smooth walls, rounded corners and no welds, allowing easy cleaning and decontamination.
- White walls for glare-free illumination
- Easy filter replacement.
- For short periods between uses, the airflow can be adjusted to medium speed, increasing filter life and reducing the time to reach clean room conditions to as little as 3 to 4 minutes.

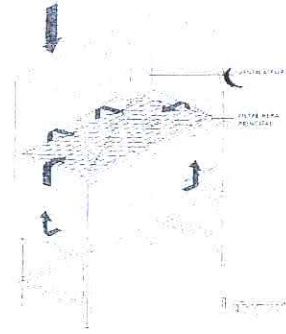
- Microprocessor control system with digital display for airflow speed
- G14 pre-filter with 85% efficiency for particles $\geq 0.5\mu\text{m}$ and H14 HEPA filter with 99.999% efficiency for particles $\geq 0.3\mu\text{m}$
- Automatic airflow compensation system to prevent filter clogging
- Audible and visual alarm in case of airflow defect.
- Cold rolled steel sheet hood with electrostatic powder coating
- One-piece 304 stainless steel worktop.
- 2 power sockets (2.5 A).
- Integrated low voltage lighting and $> 800 \text{ lux} \cdot 30\text{W}$.
- Noise level below 60 dB(A).
- Power supply: 230 V, 50 Hz.
- Power consumption: 760 W.
- Motor flow rate: 2150 m³/h.

- Spare HEPA filter
- Spare pre-filter
- Front wall with integrated UV lamp (FLV09: Length 45 cm, power 15W and wavelength 254 nm - FLV12: Length 90 cm, power 30W and wavelength 254 nm)
- Tubular table TH09 and/or TH12 - Gas tap - Vacuum tap

External dimensions (H x W x D) mm	1345 x 1060 x 795	1345 x 1360 x 795
Internal dimensions (H x W x D) mm	620 x 890 x 630	620 x 1195 x 630
External dimensions Opening dimensions (H x W) mm	200 x 888	200 x 1190
Work surface dimensions (W x D) mm	885 x 630	1190 x 630
Shipping dimensions (H x W x D) mm	1500 x 1150 x 850	1500 x 1450 x 850
Net weight (kg)	165	185
Gross weight (kg)	190	218

Ita # 4 (c)

EN 61010-1, EN 61326-1, EN 61000-6-3



- Audible and visual alarm in case of airflow defect
- White walls for a glare-free brightness
- Microprocessor control system with digital display for airflow velocity
- Electronic compartment located outside the contaminated area
- Smooth walls, rounded corners and no welds; allowing easy cleaning and decontamination
- Low noise fan
- High intensity of light
- Easy replacement of the filters

FLV12
EN 61010-1, EN 61326-1, EN 61000-6-3
1500 x 1450 x 850
0,4
220
2150

185,00
Inclus
0,99999
766
84146011

Front enclosure with UV light for FLV12 (Ref: FACFLV12)

Support stand for FLV12 and PSM12 (Ref: TH12)

Gas Valve with Solenoid Valve (Ref: VAN542)

Vacuum Valve (Ref: VAKV10)

FLV12

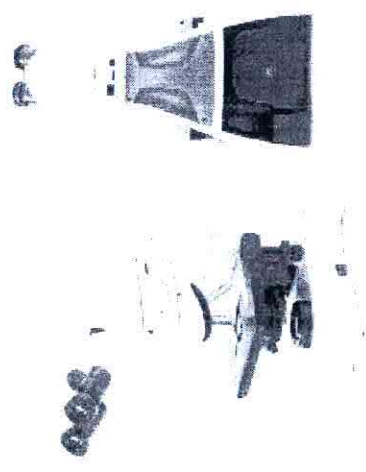
1345 x 1070 x 753

620 x 1145 x 630

185,00

كشف رقم (3) يبين البنود المحالة على السادة مؤسسة حجاز للتجهيزات الالكترونية والعلمية بموجب العطاء رقم (2023/475)

#	Descriptions	Qty.	MFC	Unit price	Total price
5	<p>DM 750 Compound Microscope with Camera Module with PC Features include:</p> <ul style="list-style-type: none"> • Stand for transmitted light illumination. • LED illumination with 25000-hour life at full intensity (more than 15 years without service) Consumes approximately 80% less energy than halogen lamp. Automatic shut off after 2 hours to save electricity. • EZStore™ design with Handle and cord wrap allows easy carrying, easy lifting, and protection against microscope component damage. • Leica EZLite™ LED illumination saves the cost of replacement lamps and provides a cool white light for over 20 years of average use. • Patented time delay shutoff saves energy. • AgTreat additive at touchpoints to prevent bacteria spreading from student to student. • 4-fold revolving nosepiece. • Objectives: HI Plan Achromat (lenses guarantee a flat field for 98 %of the field of view) Unique Leica • Objectives (Correction View 98%) which NO other can be matched <ul style="list-style-type: none"> ➢ Obj. HI PLAN 4x/0.10 ➢ Obj. HI PLAN 10x/0.25 ➢ Obj. HI PLAN 40x/0.65 ➢ Obj. HI PLAN 100x/1.25 with immersion oil 7.1ml. • Binocular tube 45°. with pair of 10x/20 eyepieces. • The microscope has only glass elements in optical Device & only Metal parts in Focusing system • Can be upgrade to phase Contrast or Semi Polarization • Auto off System to saving Energy • Abbe condenser .0.9Dry/1.25Oil Supplied with: Operation manual, and 	1	Leica Microsystem	4533.000	4533.000

	<p>dust cover.</p> 	1	Leica Microsystem	Included	Included
5.2	<p>Flexacam i5 (Compound):</p> <ul style="list-style-type: none"> ➤ Digital color camera with CMOS sensor (1/2.3)" ➤ Operate with 4k HDMI monitor using Enersight OSD ➤ High-definition live image 4k, 60fps, HDR ➤ JPG images with up to 12 MP ➤ Full HD MJPG Video recording with 30 fps ➤ Camera control: via PC (Windows) using Enersight Desktop, via smartphone / tablet by Enersight Mobile App ➤ Capture images directly to USB Stick or send images via E-Mail* (Enersight OSD mode) ➤ USB-C connection to PC for Enersight Desktop ➤ Supported OS: Win 10Pro/ Win 11 / iOS / Android. ➤ Delivered accessories: HDMI Cable, USB C-A cable, USB stick CMOS 	1	Leica Microsystem	Included	Included

- Our integrated camera not attached to eyepieces type.
- The software is Free User, Free upgrade.



5.3	PC with window 10 & Printer as per Leica recommended	1	Local supply	500.000	500.000
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Amount	5033.000 JD
Sales Tax 16%	805.280 JD
Total Amount	5838.280 JD

صورة تبين كتالوجات البنود المحالة على السادة مؤسسة حجاز للتجهيزات الالكترونية والعلمية بموجب العطاء
رقم (2023/475)

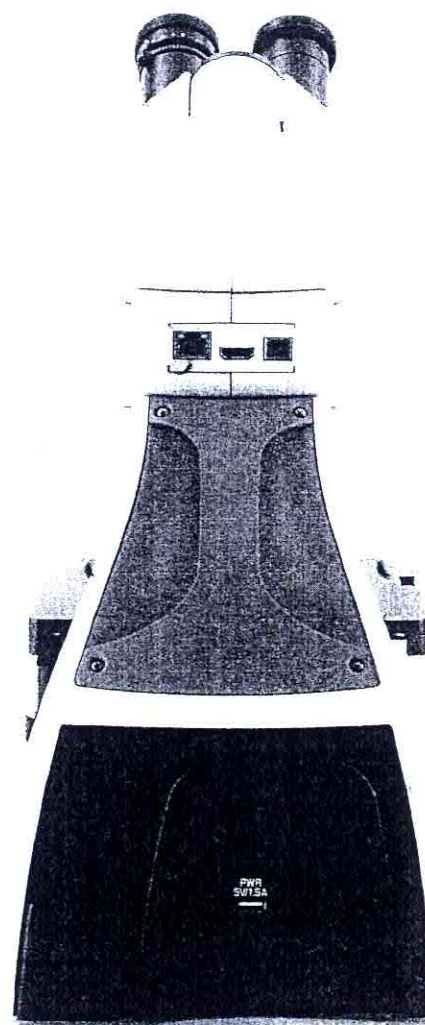
From Eye to Insight

Leica
MICROSYSTEMS

Educational Compound Microscopes

A NEW GENERATION'S CHOICE OF INNOVATIVE EDUCATIONAL MICROSCOPES

Leica DM500 & DM750



HIJAZ
Electronic & Scientific Supplies Ex.
Tel: 011 402 6 550105

MADE FOR FUTURE NOBEL PRIZE WINNERS

Science Teaching Revitalized

The more time the instructor has to teach, the more students can learn. The Leica DM500 and Leica DM750 microscopes were specifically developed to revitalize science teaching and to achieve the goal of more hands-on time for Life Science courses. With many student-friendly features and high-quality construction, the Leica DM500 and Leica DM750 invigorate science learning and teach the next generation of scientists effectively and efficiently.

SUPERB OPTICS

- › Based on the same optical platform as Leica Microsystems' research microscope line, students enjoy outstanding optical performance with full access to virtually all accessories from Leica's microscope product line.
- › NEW! 100× dry (no oil needed) objective provides very high resolution (N.A. 0.8) while eliminating the need for oil.

EZLITE™

- › LED illumination provides cool, white light with a lifetime of over 20 years average use. There is no need to change lamps during lab time, and this saves the expense of replacement lamps as well.
- › The cost-savings pays for several microscopes over their lifetimes.

SAFETSTAGE™

- › Microscope stage maintains its dimension, which eliminates the chance of injury from contact with a conventional stage rack.
- › Rounded edges are easy on the skin.

EZSTORE™

- › Integrated vertical handle provides easy carrying and lifting when storing on high shelves; undercut on front of stand works in combination with the handle for safer, two-handed carrying.
- › Integrated cord wrap eliminates damage to microscope components from improper cord wrapping; vertical cord insertion prevents the cord from pulling partially out of the stand while in storage or in use.
- › The unique shape of the microscope stand protects controls from damage when microscopes are stored side-by-side.

EZGUIDE™

- › Student friendly slide holder helps prevent slide chipping

USB POWER CONNECTOR

- › Providing power to the Leica USB cameras is extremely easy. Simply connect the camera via the provided USB cable to the 5 V/1.5 A USB power connector on the rear of the Leica DM500 and Leica DM750 stand. This saves the cost of an external power supply for the camera plus reduces the complexity at the workstation.

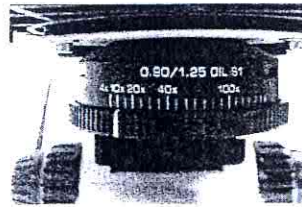
AGTREAT™

- › The possible contamination with germs from surfaces is of great concern, especially in educational environments. Leica Microsystems has integrated an additive to the material of all microscope touchpoints to inhibit the growth of bacteria. This helps prevent the spread of disease via the microscope surfaces and leads to a healthier laboratory environment.



LEICA DM500 – SCIENCE TEACHING MADE EASY

The Leica DM500 is ideal for entry level Life Science courses. The microscope's stand provides "plug and play" capability. All students need to do is turn the power on, place the specimen slide on the stage, focus, and enjoy the view!



READY TO WORK

- › Pre-centered, pre-focused Abbe condenser eliminates the need for adjustments



EZTUBE™

- › Eyepieces integrated with the eyetubes prevents loss
- › Preset diopter adjustments eliminates the risk of incorrectly setting the diopters
- › Other viewing tubes are also available

SAFER ROTATION

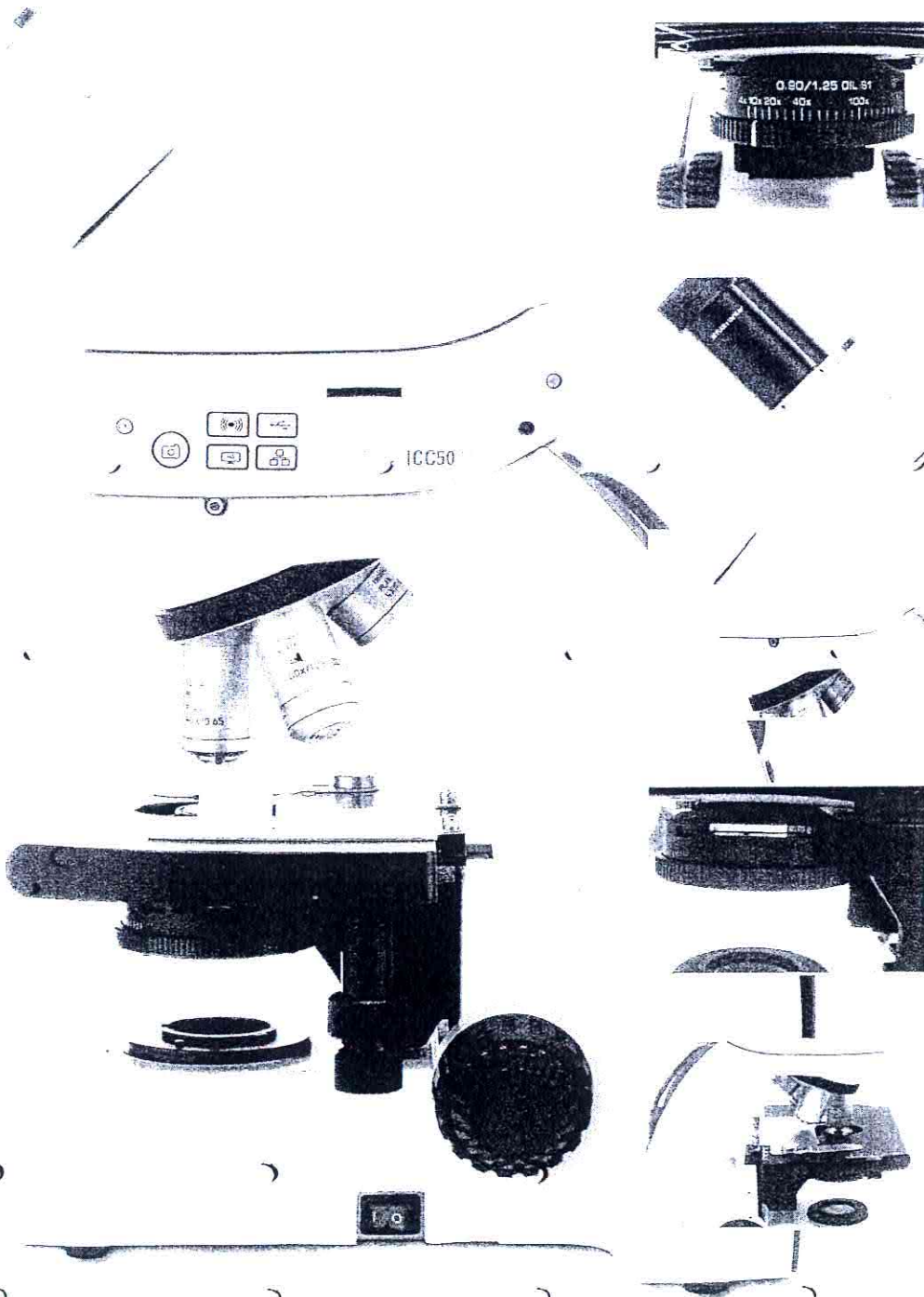
- › Captive thumbscrew for safer rotation of the EZTube™

ALL IN ONE

- › Abbe Condenser with slot for phase contrast and darkfield sliders, including a 4 position phase slider, which offers brightfield and phase capabilities all in one slider

PERFECT LIGHT

- › LED illumination designed to provide even lighting across the full field of view without adjustments

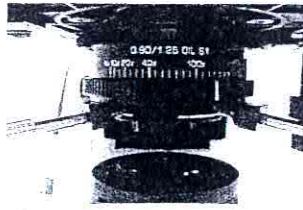


LEICA DM750 - SCIENCE TEACHING FOR A NEW GENERATION

The Leica DM750 is designed specifically for the versatile needs of advanced Life Science courses and for professional training such as medical, veterinary, and dental schools.

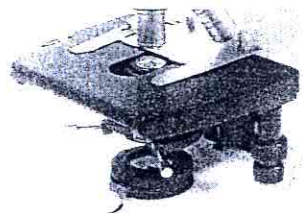
VERSATILE

- › Standard condenser for magnifications 4x – 100x
- › Phase turret condenser for brightfield and phase contrast
- › Flip top condenser for low magnifications
- › The Leica DM750 is available with a 4 position or 5 position nosepiece



WEAR RESISTANT

- › Special stage finish offers additional protection from friction damage



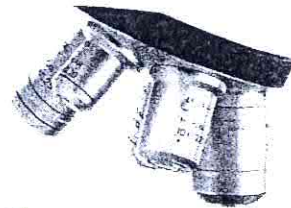
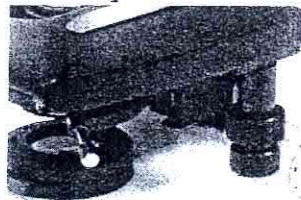
ENERGY SAVING

- › Time delay shutoff saves energy by automatically turning off the illumination after 2 hours of no use



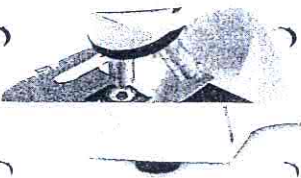
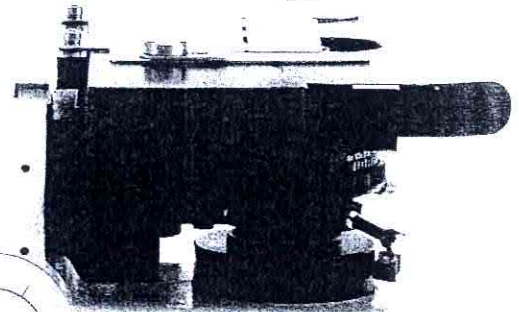
A+ FOCUS, CONTRAST & ILLUMINATION

- › Weighted focus knobs provide inertia and extremely accurate focus capability
- › Koehler field diaphragm available as an option for optimum illumination and contrast



SHARED VIEWING MADE EASY

- › Variety of viewing tubes provides free rotation while securely fixed to the stand
- › Standard viewing tubes with eyepiece locking screws prevent loss of eyepieces

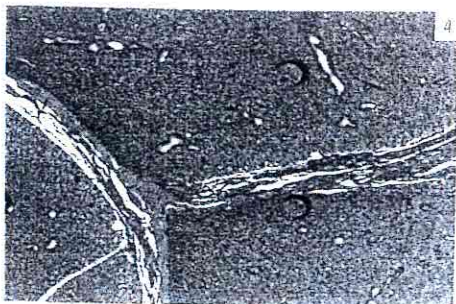
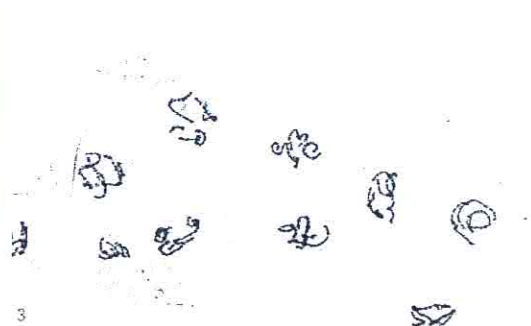
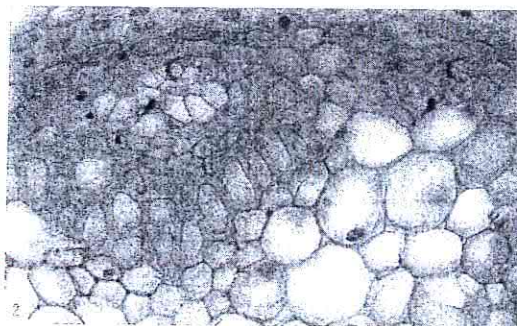
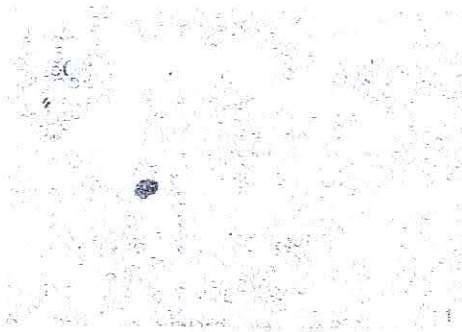


GO WIRELESS!

The ability to share, capture, and archive images is an important part of the microscopy laboratory. The Leica DM500 and Leica DM750 are compatible with the full range of Leica Microsystems imaging solutions, allowing you to select the camera which best suits the demands of your classroom. Keep students on topic and maximize learning time with the NEW Leica ICC50 W/ E High Definition Wireless camera module.

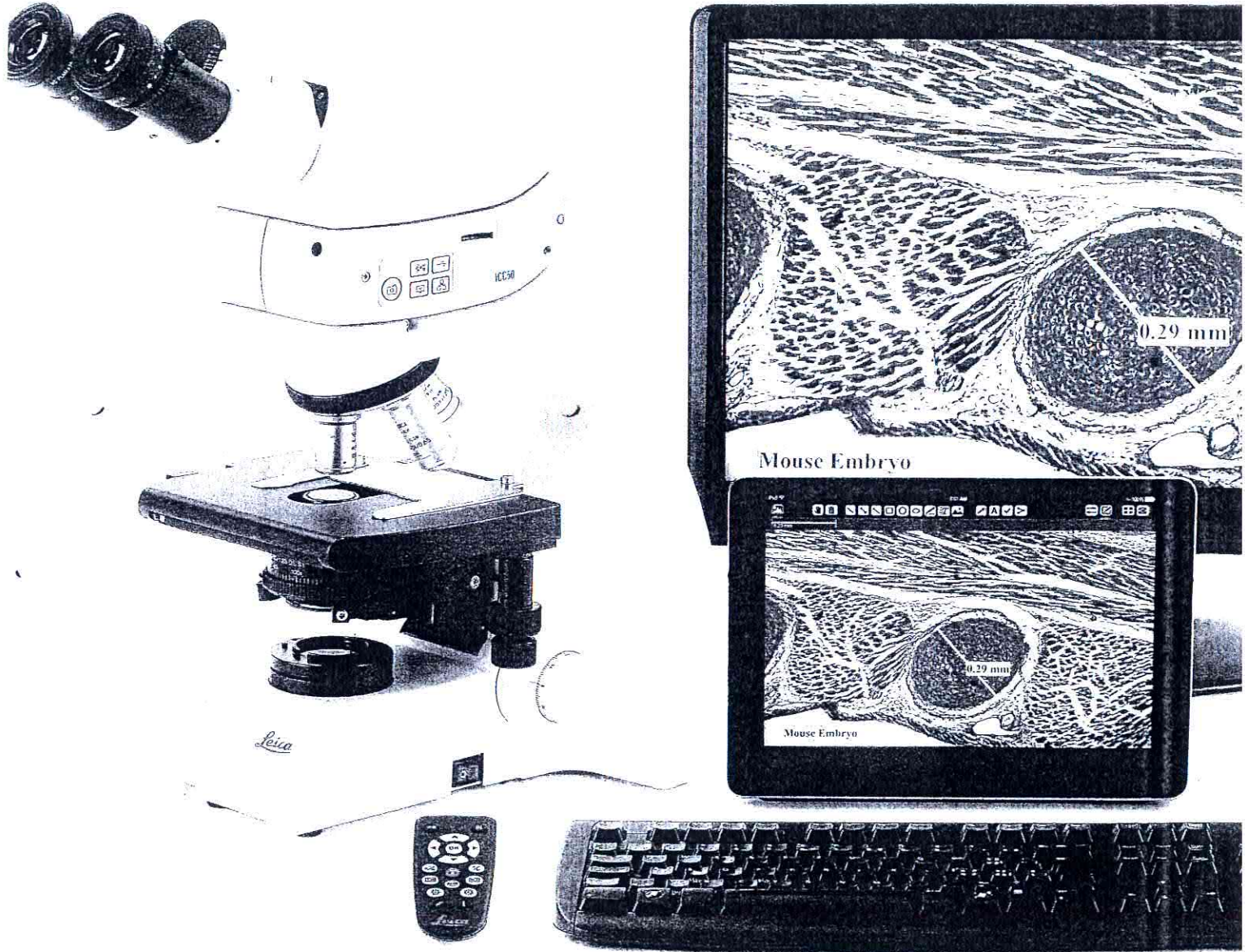
THE ICC50 W/ E CAMERA MODULE – INTEGRATED & MODULAR

- › In Ethernet mode, the connection to the camera is provided through your own network, allowing a maximum number of users to connect to the camera. To use this to full extent, all devices have to be on to same network as the microscope.
- › In USB mode you can connect your PC directly via USB cable to the camera, which is helpful when you aim for fastest live images e.g. of moving samples.
- › Computer users can use the Leica Imaging software to connect to the camera and work with the images. For PC use Leica Application Suite software, and use Leica Acquire for MAC.
- › Use lots of options with Leica AirLab App: It enables camera setup, annotations, measuring, image capture, and sharing to email, photo folders, or other social media connections.
- › Leica AirLab App is available free of charge for Android and iOS devices.
- › Stay flexible if there is no PC or mobile device around: Just capture images directly onto a memory card.
- › Fine-tune camera settings conveniently, capture images onto the SD card, and view the SD card gallery – all possible with the remote.
- › Project your images: Use the HDMI port for screen projections or output to HD screens.
- › You don't need any extra power cables: The camera is powered directly from the microscope stand with a USB cable.



Students can connect to the Leica ICC50 W either through its own **internal Wi-Fi signal** using Wi-Fi mode or through the facilities' network using Ethernet mode.

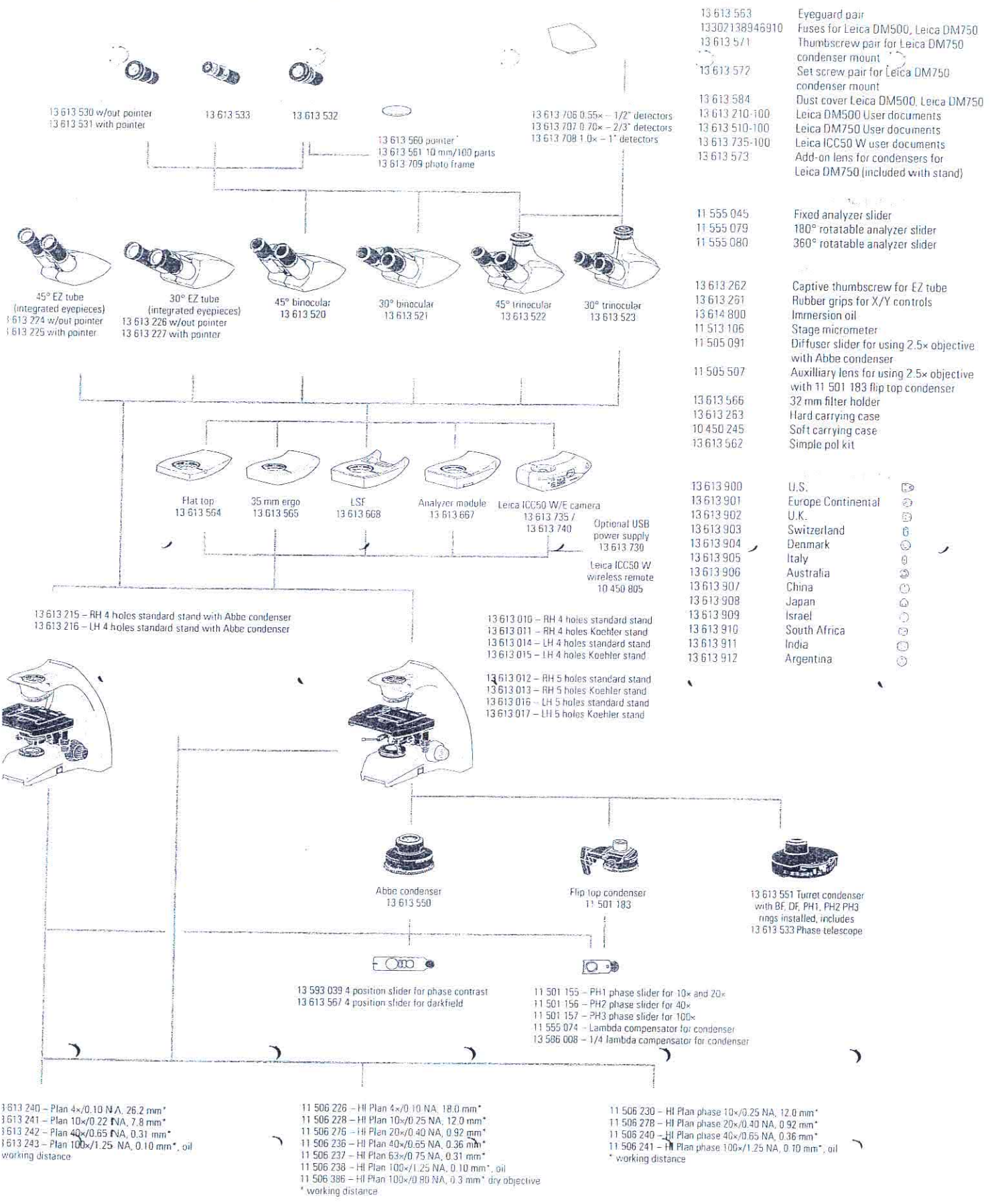
The ICC50 E **exclusively** uses your facilities' **network (WLAN or LAN)** to allow students to connect to the camera. This is an ideal solution if you don't want to add additional Wi-Fi access points to your network.



Leica DM750 with Leica ICC50 W digital microscope camera

Human Blood
Invertebrates – Lily of the Valley
Plant Chromosomes
Prostate Gland
Fungal
Plant Buds

SYSTEM DIAGRAM



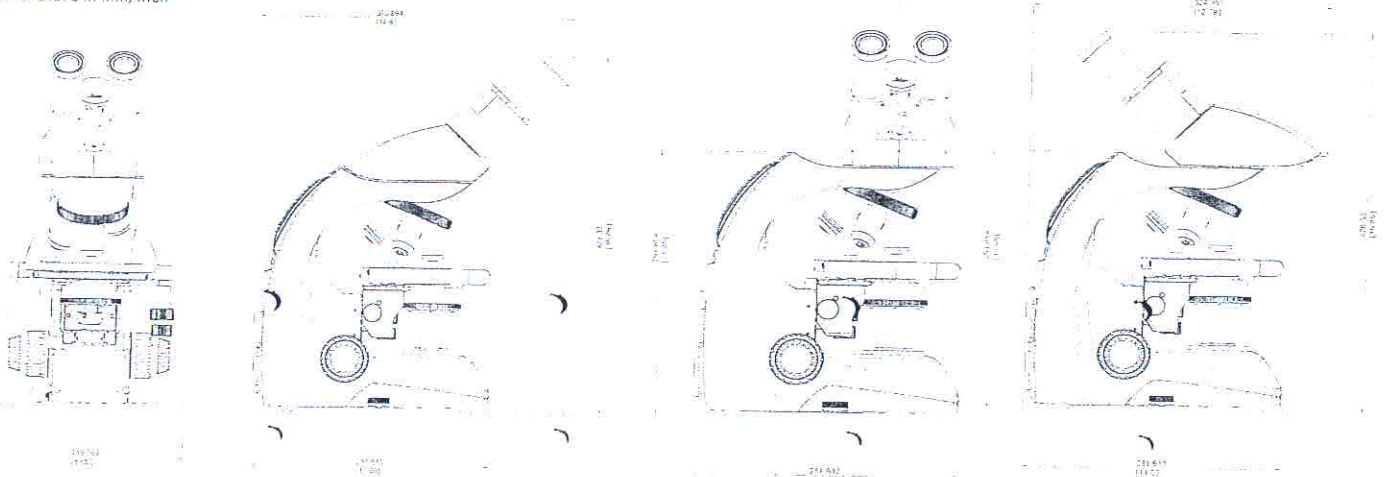
PRECONFIGURED OUTFITS

OUTFIT ORDERING NUMBER		13 613 207	13 613 208	13 613 403	13 613 406	13 613 001	13 613 004	13 613 002	13 613 005
		DM500	DM500	DM750	DM750	DM750	DM750	DM750	DM750
13 613 215	DM500 RH Stand with Abbe condenser	X	X						
13 613 010	DM750 RH Stand			X	X	X	X		
13 613 011	DM750 RH Stand Koehler							X	X
13 613 224	45° EZ tube	X		X					
13 613 225	45° EZ tube with pointer		X		X				
13 613 520	45° binocular tube					X	X	X	X
13 613 530	10x/20 eyepiece w/eyeguard					X		X	
13 613 531	10x/20 pointer eyepiece w/eyeguard						X		X
13 613 532	10x/20 focusing eyepiece w/eyeguard					X	X	X	X
13 613 550	Abbe condenser 0.9 Dry/1.25 oil			X	X	X	X	X	X
13 613 240	Plan 4x/0.10 NA, 26.2 mm W.D.	X	X	X	X				
13 613 241	Plan 10x/0.22 NA, 7.8 mm W.D.	X	X	X	X				
13 613 242	Plan 40x/0.65 NA, 0.31 mm W.D.	X	X	X	X				
13 613 243	Plan 100x/1.25 NA, 0.10 mm W.D., oil	X	X	X	X				
11 506 226	HI Plan 4x/0.10 NA, 18.0 mm W.D.					X	X	X	X
11 506 228	HI Plan 10x/0.25 NA, 12.0 mm W.D.					X	X	X	X
11 506 236	HI Plan 40x/0.65 NA, 0.36 mm W.D.					X	X	X	X
11 506 238	HI Plan 100x/1.25 NA, 0.10 mm W.D., oil					X	X	X	X
13 614 800	Immersion oil	X	X	X	X	X	X	X	X

NOT INCLUDED: Must be ordered separately

DIMENSIONS LEICA DM500 / DM750

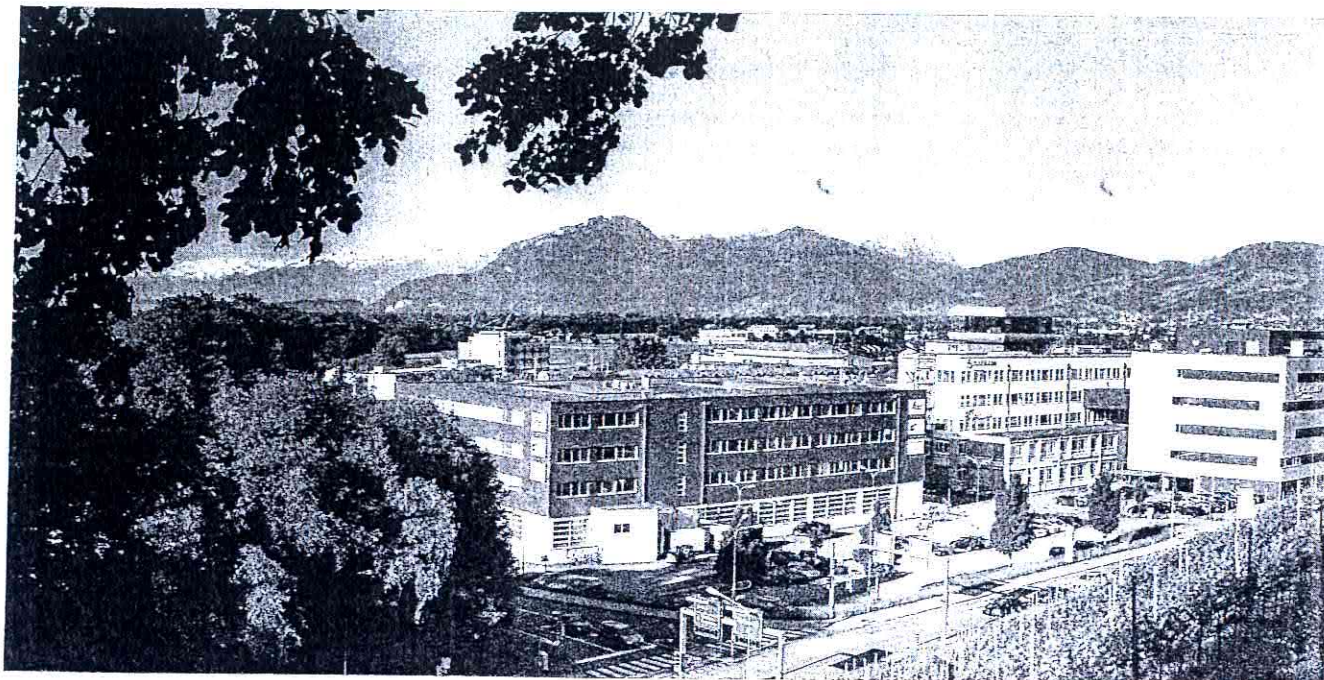
Dimensions in mm/inch



SPECIFICATIONS LEICA DM500 / DM750

	DM500	DM750		DM500	DM750
SEPARATE EYEPIECES			SAFETSTAGE™		
High eyepoint	X	X	Stage surface 185 mm (150 mm front) wide × 140 mm deep	X	X
10×/20 (20 mm field of view)	X	X	Rounded stage edges	X	X
Available with or without pointer	X	X	Non extending rack	X	X
Available fixed or focusing	X	X	Verniers for X/Y coordinates	X	X
Focusing eyepieces with reticule holder for 24.5 mm reticle	X	X	Wear resistant stage surface	X	X
Foldable eyeguards	X	X	CONDENSER		
30 mm mounting diameter	X	X	Prefocused and precentered Abbe condenser	X	
EZTUBE™			Centerable and focusable condenser mount		X
Preset diopters for corrected vision	X	X	Slot in Abbe condenser for contrast sliders (phase, darkfield, compensator)	X	X
45 degree viewing angle	X	X	Magnification labels on condenser	X	X
10×/20 (20 mm field of view)	X	X	Standard Leica condenser mount for condensers (Abbe, turret, flip top, etc.)		X
Attaches to stand with set screw	X	X	FOCUS		
Captive thumbscrew available for safer rotation	X	X	Low position focus controls	X	X
Eyepieces are integrated with tube	X	X	Self adjusting focus mechanism	X	X
Available with pointer and without pointer	X	X	300 microns per fine focus rotation	X	X
Interpupillary distance range 52 mm – 75 mm	X	X	Calibrated in 3 micron increments	X	X
OTHER VIEWING TUBES FOR SEPARATE EYEPIECES			Weighted focus knobs		X
45 degree, 30 degree, trinocular	X	X	EZLITE™		
Maximum field of view 20 mm	X	X	Preset field aperture only	X	
Rotatable dovetail	X	X	Available with or without adjustable Koehler field diaphragm		X
Leica tube dovetail standard	X	X	LED illumination – 6 000 K temp, 25 000 h life at full intensity	X	X
Eyepiece locking screw	X	X	Continuous intensity adjustment	X	X
Interpupillary distance range 52 mm – 75 mm	X	X	Illumination sufficient for viewing at lowest intensity	X	X
STAND			Simple polarizing kit available	X	X
Stand shape protects controls	X	X	2 hour Auto Off (can be disabled or enabled)		X
Stand construction – die-cast aluminium	X	X	Auto Off default: 4 hole stands enabled, 5 hole stands disabled		X
External fuses	X	X	IMAGING		
Knurled nosepiece	X	X	Trinocular tubes available (50 %/50 % light split)	X	X
4 position nosepiece only	X		C-mount adapters with standard Leica mount	X	X
4 or 5 position nosepiece available		X	Leica ICC50 W intermediate camera module (50 %/50 % light split)	X	X
Drop in holder for 32 mm mounted or unmounted filters	X	X	INTERMEDIATE MODULES		
5 W/1.5 A USB power supply to power camera	X	X	35 mm intermediate ergo module available	X	X
EZSTORE™			15 mm flat top module	X	X
Vertical handle	X	X	Module for LSF reflected light illuminator	X	X
Undercut in front of stand	X	X	Analyzer module	X	X
Cord wrap	X	X	AGTREAT™		
Vertical cord attachment to stand	X	X	Anti microbial treatment	X	X
OBJECTIVES			CERTIFICATIONS		
Infinity optics platform	X	X	eULus, CE, RoHS	X	X
100× dry objective with N.A. 0.8 (no correction collar)	X	X	Main optical components meet ISO 9022-11 for Mould Growth	X	X
Objective labeling laser engraved (HI Plans)	X	X	SHIPPING		
M25 nosepiece thread	X	X	Dimensions: 40 cm × 37 cm × 39 cm (H×D×W)	X	X
EZGUIDE™			Weight: 9 kg	X	X
One-handed slide loading	X	X			
26 mm × 76 mm stage travel	X	X			

CLEAN AND GREEN



WE ACTIVELY IMPLEMENT WAYS TO MAKE OUR ENVIRONMENT
CLEANER AND SAFER FOR THIS GENERATION AND THE NEXT

SEE MORE AT WWW.LEICA-MICROSYSTEMS.COM/EDUCATION

- › All packaging is completely recyclable
- › No lead content in any of the glass components
- › LED illumination consumes approximately 80 % less energy than standard halogen illumination
- › The time delay shut-off feature found on the Leica DM750 ensures no energy is wasted
- › Constantly optimizing our logistics chain keeps the CO₂ footprint as low as possible
- › AgTreat™ helps prevent the spread of disease via microscope surfaces and leads to a healthier laboratory environment
- › All products have been tested by independent safety laboratories and carry the cULus and CE mark to indicate their design for safety
- › All products are RoHS compliant, which means all electrical components meet restrictions on the use of hazardous substances
- › Interactive tour of the Leica DM500 and Leica DM750
- › Leica E-Series stereomicroscopes for low magnification inspection, dissecting, and image capture
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كشف رقم (4) يبين البنود المحالة على السادة التعاون للتجهيزات المخبرية والعلمية بموجب العطاء رقم (2023/475)

Item No.	Description	Qty	Manuf/ Model	Country of Origin	U.Price without any taxes	Unit Custom tax value	Unit Sales tax %	T.Price without sales taxes and Custom Taxes	T.Price sales taxes and Custom Taxes	Delivery
6	LC-2050C 3D Integrated High-Performance Liquid Chromatograph Accessory Kit, 2050C(3D)/2060C(3D) Glass Reservoir Bottle, w/Cap, 5pcs CORD SET,3VTJ1/3VTJA 2.4M Software Package, LabSolutions LC Workstation, Single LC, EN, DVD, LC ASSY, W LAMP Shim-pack GWS C18, 5um, 4.6x250 Shim-pack G18, 3um, 3.0x100 SUCTION FILTER COUPLING 1.6C-0.4 316L 316L PC, Screen and printer Membrane Filters Nylon 47mm 0.45um 50-pk Syringe Filter 0.22um 100-pk Vial Kits 2ml Clear w/PTFE Sij Septa Pack of 100 Glassware 300ml Funnel 1000ml Flask All-Glass Microfiltration Apparatus with Vacuum Pump PEEK Tubing Cutter Tool 1/16" Restek Tubing Cutter HPLC bottles 500 ml (no. 20), 1000 ml (no.20), 250ml (no. 20), 100 ml (no. 20) 2 years warranty	1	Shimadzu	Main Unit Japan. Others :Japan or any other Shimadzu manufacturing site worldwide	27197	0	16%	27197,000	31549,000	2-6 M
					included			included	included	
		1	Local		10.3	0	16%	414	480	
		40	Local		21.5	0	16%	431	500	
		20	Local		10.3	0	16%	103	120	
		10	Local		979.4	0	16%	1959	2272	
		2	Local		30.1	0	16%	60	70	
		2	Local		86.1	0	16%	172	200	
		1	Local		344.4	0	16%	344	400	
TOTAL PRICE WITH TAX 16% : (31549.000) JD										
Discount : (200.000) JD										
TOTAL PRICE WITH DISCOUNT AND WITH TAX 16% : (31349.000) JD										

ملاحظة : تلتزم الشركة بتقديم يوم تدريب مجاني داخل مختبرات الجامعة على الجهاز المعروض بعد الانتهاء من توريد وتركيب الجهاز .

كشف رقم (5) بين البنود المحالة على السادة شركة واحة العلوم للتجارة بموجب العطاء رقم (2023/475)

S/R#	Cat#	Description	Origin	Qty	Delivery	Unit price with tax	Total price with tax
8	BK-FH700	<p>Fume Hood</p> <p>Advantage:</p> <ol style="list-style-type: none"> 1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized; 2. Made of high-quality cold rolled steel plate material, surface electrostatic spraying, with good finish; 3. The platform panel of the operation area of the fume hood is made of solid physical and chemical plate, which is resistant to acid and alkali corrosion and can be disassembled for easy cleaning (integral type); 4. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments; 5. Counterweight manual front window, height adjustable; 7. Equipped with PP centrifugal fan, large air volume, low noise, long service life, easy installation; 8. The fan can be stepless speed regulation, the function button is push-button switch, stable performance; 9. The side of the cabinet body is equipped with lifting handles to facilitate carrying. <p>Technical Parameters:</p> <p>Model: BK-FH700</p> <p>Number of Users: Single</p> <p>Rated Power: 95W (Not including socket load power, load power cannot exceed 500W)</p> <p>Exhaust Volume: 1225 m³/h</p> <p>Air Velocity: 0.3m/s~0.8 m/s</p> <p>Noise: ≤65dB (A)</p> <p>LED Lamp: 4W</p> <p>Max Opening: 410mm (Integral Type)</p> <p>Standard Accessory: LED Lamp, National standard three core splash proof socket.</p> <p>Net Weight: 60kg</p> <p>Gross Weight: 78kg</p> <p>External Size (W*D*H): 700*650*1050mm</p> <p>Internal Size (W*D*H): 580*510*687mm</p> <p>Package Size (W*D*H): 1010*850*1250mm</p>	Biobase/ China	1	2-4 months	875.000	875.000

TOTAL PRICE WITH TAX : (875.000) JD

صورة تبين كتالوجات البنود المحالة على السادة شركة واحة العلوم للتجارة بموجب العطاء رقم (2023/475)



Item # 3A4

ADVANTAGE

1. The cabinet is designed with a vertical surface, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, surface electrostatic spraying, with good finish.
3. The platform panel of the operation area of the fume hood is made of solid physical and chemical plate, which is resistant to acid and alkali corrosion and can be disassembled for easy cleaning (integral type).
4. The front window adopts 5mm thick tempered glass to better protect the safety of personnel and experiments.
5. Counterweight manual front window, height adjustable.
6. The base bracket and fuma castor integrated design, safely moved through the casters, also well fixed and levelled.
7. Equipped with PP centrifugal fan, large air volume, low noise, long service life, easy installation.
8. The fan can be stepless speed regulation, the function button is push-button switch, stable performance.
9. The side of the cabinet body is equipped with lifting handles to facilitate carrying.

TECHNICAL PARAMETERS

Model	BK-FH700	
Number of Users	Single	
Rated Power	95W (Not including socket load power, load power cannot exceed 500W)	
Exhaust Volume	1225 m ³ /h	
Air Velocity	0.3m/s~0.8 m/s	
Noise	≤65dB (A)	
LED Lamp	4W	
Max Opening	410mm(Integral Type)	
Tabletop Height	810mm(Integral Type)	
Standard Accessory	LED Lamp, National standard three core splash proof socket,	
Optional Accessory	Base Stand, Bench physical and chemical board	
Net Weight	Desktop Type	60kg
	Integral Type	80kg
Gross Weight	Desktop Type	78kg
	Integral Type	100kg
External Size (W*D*H)	Desktop Type	700*650*1050mm
	Integral Type	700*650*1850mm
Internal Size(W*D*H)	580*510*887mm	
Package Size (W*D*H)	Desktop Type	1010*850*1250mm
	Integral Type	1010*850*1250mm

