MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-015
Item to be Scouted	Chromatography-Mass Spec Benchtops (IonBench)
Days to be scouted	30
Response Due By	02/07/2025
Description	Require four (4) laboratory benchtops that are specifically designed for use with mass spectrometers and HPLC and GC chromatography systems with sound insulated cabinets for the mechanical vacuum pumps. Specifics and dimensions required are attached. In general each benchtop should include features like • Fully movable Mass Spectrometer Bench with 7x solidly built casters including 3x lockable • Integrated noise reduction enclosure for accommodating vacuum pumps including exhaust fan • Patented dampening system to prevent vibrations being transmitted to the Mass Spectrometer • Audible & visual overheating temperature alarm • Quick & easy oil change procedure • Tubing & cabling management • include shipping, CPU holder, Keyboard and mouse sliding platform, and Dual monitors arm
Notify Requester Immediately	
State item to be used in	Minnesota

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Electrical / Electronic / Mechanical Assembly Standard mfg process for benchtops is acceptable I suppose. It needs to be made or finished in a chemically resistant coating or material.

Provide dimensions / size / tolerances / performance specifications for the item	Two Identical Benches with dimensions: External dimensions CM INCH • Width 190 74.80 • Depth 88 34.64 • Height 86 33.9 • Weight 200 kg 441 lbs • Cabinet Dimensions: 84×55×68cm (W×H×D) One Bench with dimensions: External dimensions CM INCH • Width 200 74.80 • Depth 88 34.64 • Height 86 33.9 • Bench Weight 200 kg 441 lbs • Cabinet Dimensions: 27×55×68cm (W×H×D) One Bench with Dimensions: • Width 190 74.80 • Depth 88 34.64 • Height 86 33.9 • ionBench Weight 200 kg 441 lbs • Cabinet Dimensions: 61×55×68cm (W×H×D) NOTE: Attached document BCH190NE27.pdf is the basic specs for one bench requested, but we are requesting it a custom width of 200 cm for this specific bench. The brochure only states 190 cm width.
List required materials needed to make the product, including materials of product components	Chemical resistant top, vibration isolated surface in cabinet (eg., on springs or rubber feet etc.), Minimum of 7 industrial castors to hold the weight of the bench plus 1000lbs with 3 front locking castors,
Are there applicable certification requirements?	No
Are there applicable regulations?	No
Are there any other stndards, requirements, etc.?	No
NAICS 1	334516 Analytical laboratory instrument manufacturing
NAICS 2	
Additional Technical Comments	Must have an edge to mount clamp on accessories such as a dual monitor mount and include said monitor mount. Must have place and hardware to mount a PC and a keyboard tray.

Section 4: Business Information

Estimated potential business volume	one-time purchase of 4 units total.
Estimated target price / unit cost information (if unavailable explain)	$29,000 for all four.
When is it needed by?	ASAP
Describe packaging requirements	Ship fully assembled in crates, via freight shipment.
Where will this item be shipped?	Duluth, MN 55804, USA

Additional Comments

Is there other information you would like to include?	U.S. EPA/ORD GLTED-Duluth Minnesota For questions or additional information on BABAA guidance, please contact Tylor Lahren lahren.tylor@epa.gov

BCH190NE27

PRODUCT OVERVIEW

- **Fully assembled** Mass Spectrometer Bench.
- **Fully movable** with lockable castor wheels.
- Integrated vacuum pump(s) **noise enclosure**.
- Fan **heat extraction** system.
- Hoses & wires **grommets**.
- Vacuum pump(s) **dampening vibration** system.
- Overheating **temperature alarm**.

Bench characteristics:

External dimensions	CM	INCH
Width	190	75
Depth	88	34.5
Height	86	34
Weight	**KG**	**LB**
Weight capacity	Up to 500	Up to 1110

Noise enclosure dimensions:

MIRROR CONFIGURATION ON REQUEST :

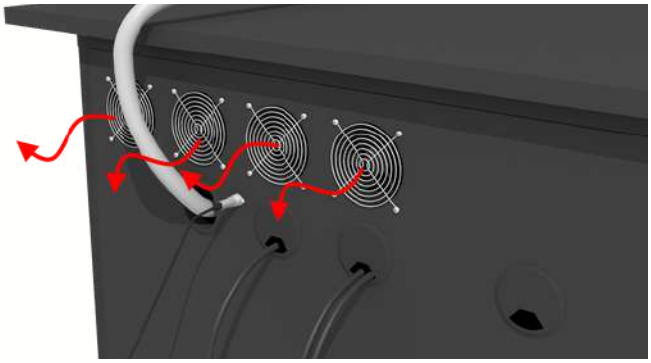
SEE THIS VIDEO ON **IONBENCH** :

STANDARD SPECIFICATIONS

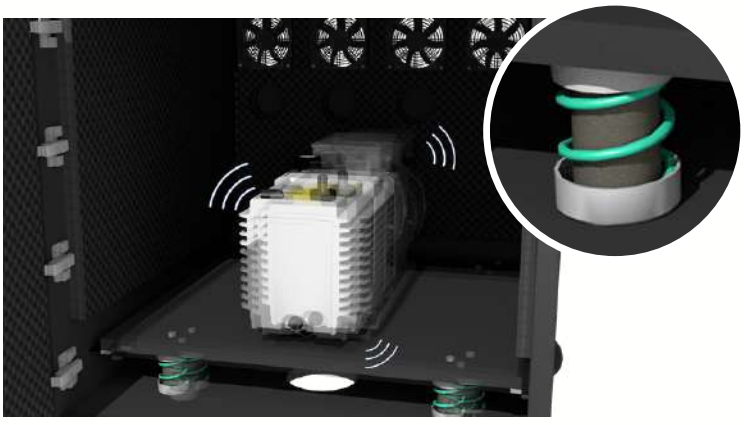
Delivered fully assembled

Fully movable

Integrated noise enclosure



Fan heat extraction system
Hoses & wires grommets



Dampening vibration system

Overheating temperature alarm

AVAILABLE OPTIONS

Workstation

DRAWERS

p/n **DR3**

Bank of three drawers.

SLIDING WORK SURFACE

p/n **SLIDE_WS**

Extra sliding worksurface underneath countertop.
Size : W60 x D60 cm.

Informatics

PC HOLDER

p/n **PC1**

CPU holder to be fixed on one side of the bench.
Installable right or left.

INFORMATION CONTROL PACKAGE

p/n **ARM1**

Pack of a single monitor arm and sliding keyboard.

AVAILABLE OPTIONS

RETRACTABLE KEYBOARD

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Retractable keyboard and mouse table.

ARTICULED DISPLAY ARM

p/n **SCR1**

Monitor arm.
Dual monitor arm on demand.

MONITOR ARM WITH KEYBOARD TRAY

p/n **ARM_ERG**

Monitor arm with integrated keboard shelf.

MONITOR ARM FOR LAPTOP

p/n **ARM_LAPTOP**

Monitor arm to support a laptop.

AVAILABLE OPTIONS

POWER STRIP EUROPE

p/n **ELECEU**

For European countries
(except United Kingdom - Switzerland and
Germany) with 8 electric outlets
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POWER STRIP NORTH AMERICA

p/n **ELECUSA**

For North American countries and Japan
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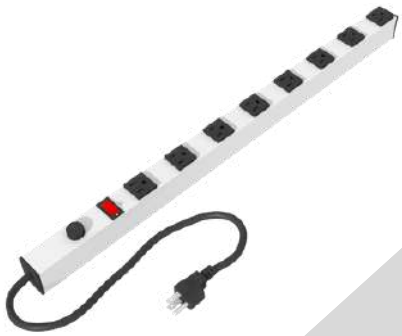
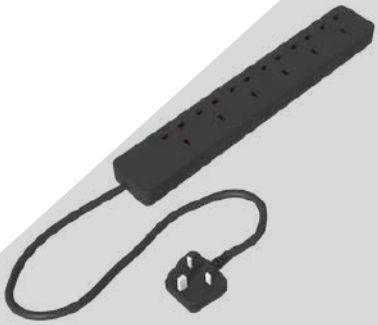


POWER STRIP UNITED KINGDOM

p/n **ELECUK**

For United Kingdom and Ireland
with 6 electric outlets
230V - 50Hz - Type G



POWER STRIP SWITZERLAND

p/n **ELECCH**

For Switzerland
with 6 electric outlets
230V - 50Hz - Type J

POWER STRIP GERMANY

p/n **ELECDE**

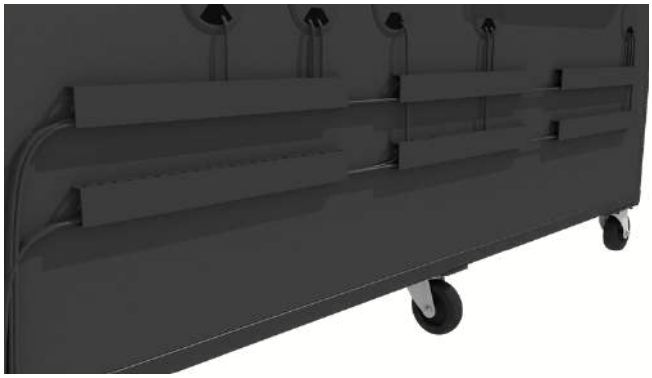
For Germany
with 8 electric outlets
230V - 50Hz - Type F

AVAILABLE OPTIONS

IEC POWER STRIP

p/n **IEC**

Fixed underneath bench worksurface.
Including 6x extention 1,50 m IEC cords.



CABLE TRAY MANAGEMENT

p/n **CABLE_TRAY**

Cable management system fixed behind the bench.

Overheating security

AUTOMATIC OVERHEATING DOOR OPENING SYSTEM

p/n **DOOR-OPE-SAFETY**

Automatic door opening system if the enclosure temperature becomes too high.

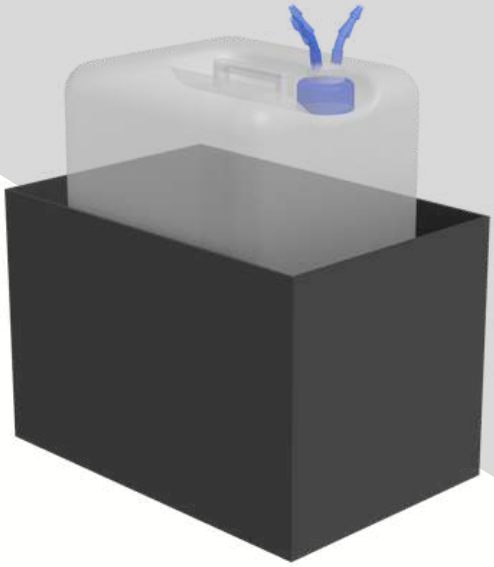
AVAILABLE OPTIONS

Solvent management

TRESPA WORKSURFACE

p/n **TRESPA_WS_MS**

Worksurface upgraded to Trespa® Toplab®, chemically resistant and easy to clean.

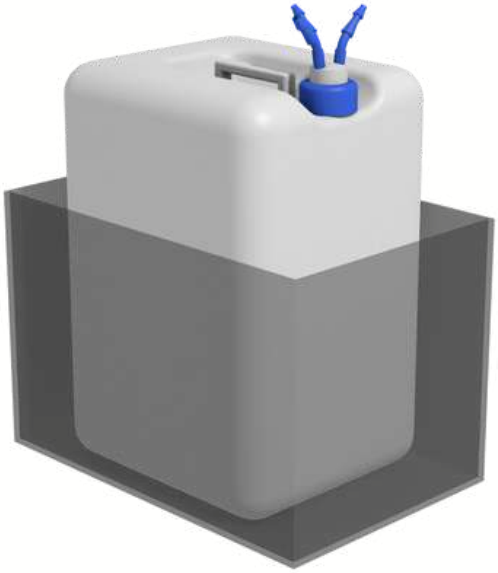


SOLVENT WASTE STORAGE

p/n **SOLV**

Container for solvent waste bottles.

Internal dimension :
W 200 x D 300 x H 200 mm
W 7.87 x D 11,81 x H 7.87 in



CANISTER 10 LITERS + WASTE CAP

p/n **CAN-10L**

Compatible with SOLV container.
Made of PE-HD
Dimensions :
W 190 x D 235 x H 300 mm
W 7,48 x D 9,25 x H 11,81 in

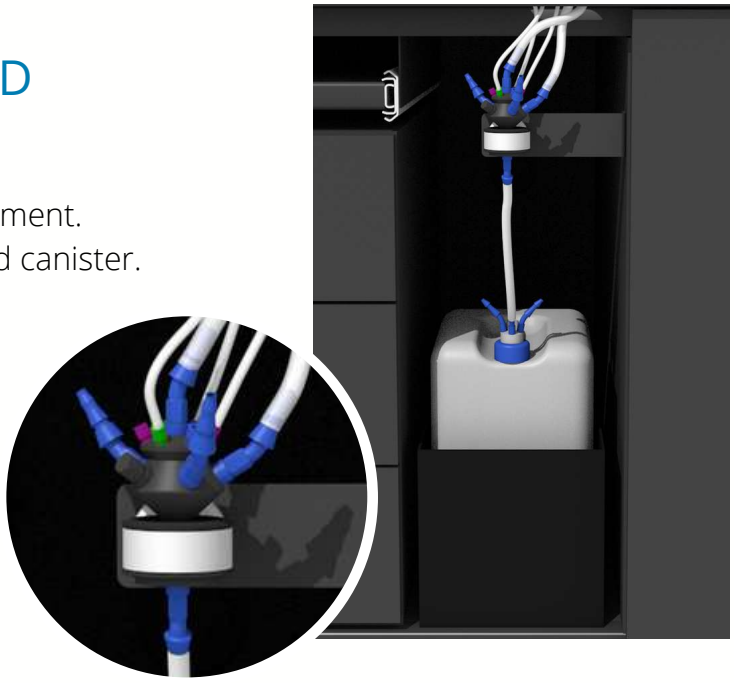
Screw cap GL45 made of PPS yellow, 2 capillary connections (x 2 UNF1/4") , 1 connection for tubing ID 5.5-8 mm (NPT 1/8")
including kit of fittings made of PFA (2 tubing OD 1,6mm, 2 tubing OD 2.2mm, 2 tubing OD 3,2 mm, 1 blind, 1 hose connector for tubing ID 5.5-8 mm)

AVAILABLE OPTIONS

SOLVENT WASTE MANIFOLD

p/n **SOLV-MNFLD**

Magnetic manifold for solvent tubing management.
With connections and hose between manifold and canister.



EXHAUST FILTER

p/n **EXH-FIL**

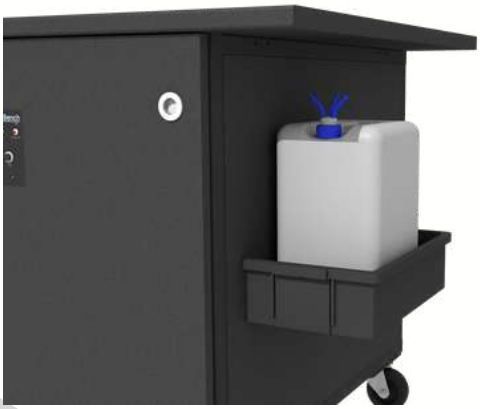
with integrated service life indicator and label field, with connector GL14 for caps. With activated carbon. Average 6 months service life with Canister 10l Includes also a 90° adaptor to minimize filter space under the bench.

ELECTRONIC MODULE WITH DISC SENSOR

p/n **ELEC-LEVEL**

One way, alarm and light when canister is full, including one disc sensor with 3m cable, 2m hook loop fasterner for disc sensor and power supply.

AVAILABLE OPTIONS



LATERAL SOLVANT WASTE STORAGE

p/n **LAT-SOLV**

Side fixed container for solvent waste bottles.

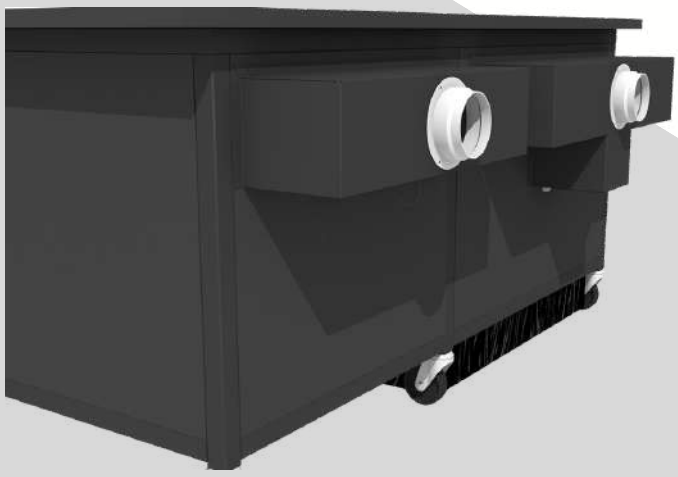
Internal dimension :
W 200 x D 300 x H 200 mm
W 7.87 x D 11,81 x H 7.87 in

Energy saving

HEAT REMOVAL MODULE

p/n **HRM**

Noise enclosure hot air collector system, need to be connected to the room ventilation exhaust.
Contains : Fans cover, air vent flange Ø125mm, flexible duct 3m long, clamp



AVAILABLE OPTIONS

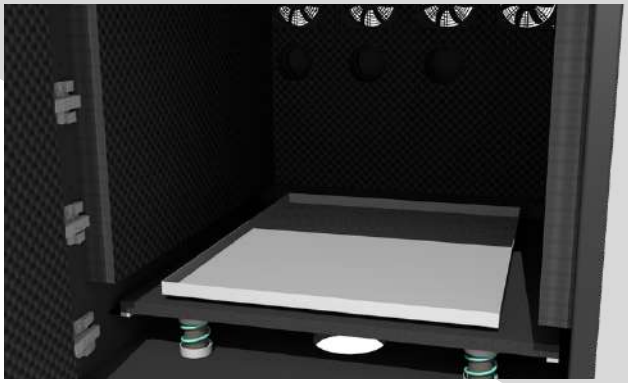
Maintenance

STAINLESS STEEL OIL DRIP PAN

p/n **VPSP58**

Stainless steel drip pan for vacuum pump.
To prevent oil spread in case of leakage.

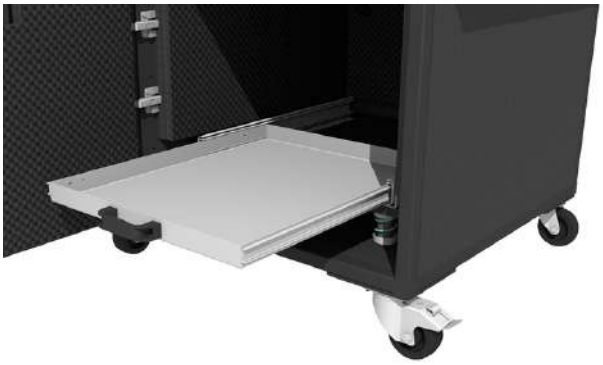
Dimension (D x W) :
500 mm x 450 mm
19.68 in x 17.71 in



SLIDING TRAY

p/n **SLIDE_PUMP**

Sliding platform for the vacuum pump.
The pump can be slided out from the noise enclosure, simplify installation and maintenance.



OIL DRAIN KIT

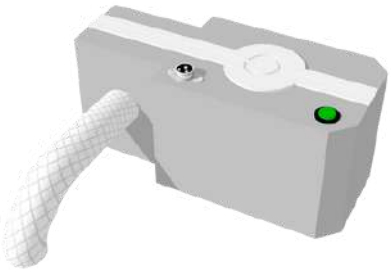
p/n **ODK**

Facilitate oil draining, one kit per vacuum pump
Contains : ball valve, connectors and 30cm long pipe

OIL DRAIN PUMP

p/n **ODP**

Oil pump to drain the vacuum pump
Needs "ODK" item to operate



AVAILABLE OPTIONS

Color

GREY COLOUR BENCH

p/n **GREY-CO**

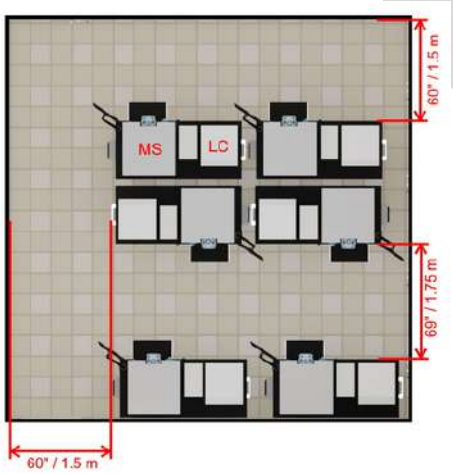
Light grey colour.

Custom benches

Many designs and sizes available on request.

AVAILABLE OPTIONS

WE ALSO DESIGN COMPLETE LAB LAYOUTS WITH STANDARD OR CUSTOM BENCHES. PLEASE CONTACT US FOR MORE INFORMATION



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BCH190NE58

PRODUCT OVERVIEW

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- **Fully movable** with lockable castor wheels.
- Integrated vacuum pump(s) **noise enclosure**.
- Fan **heat extraction** system.
- Hoses & wires **grommets**.
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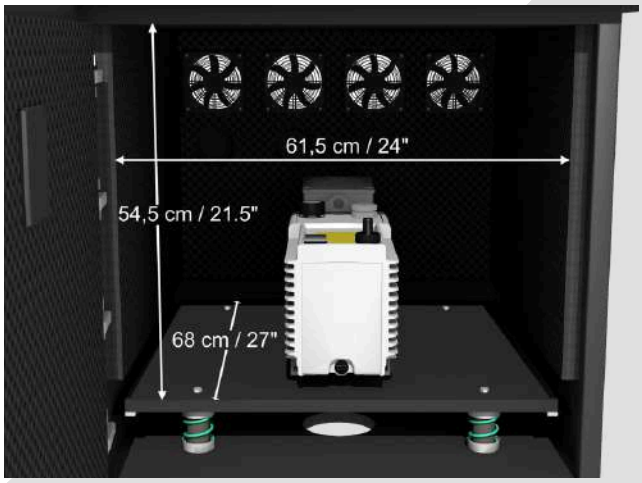

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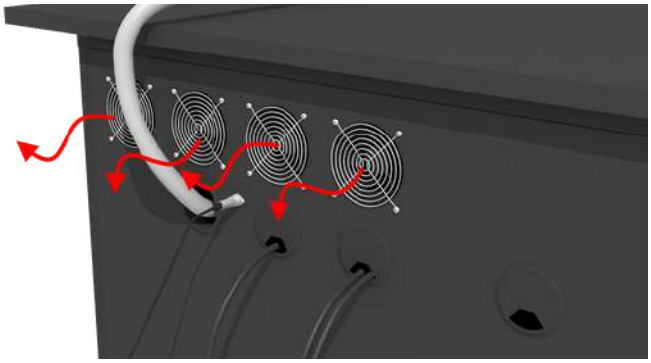
SEE THIS VIDEO ON **IONBENCH** :

STANDARD SPECIFICATIONS

Delivered fully assembled

Fully movable

Integrated noise enclosure



Fan heat extraction system
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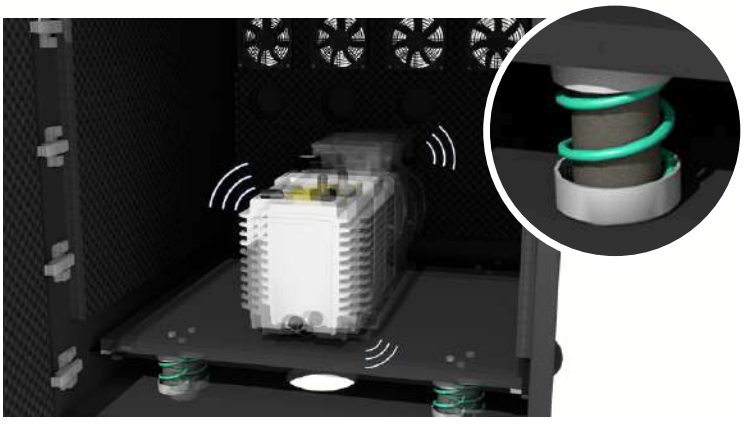

Dampening vibration system

Overheating temperature alarm

AVAILABLE OPTIONS

Workstation

DRAWERS

p/n **DR3**

Bank of three drawers.

SLIDING WORK SURFACE

p/n **SLIDE_WS**

Extra sliding worksurface underneath countertop.
Size : W60 x D60 cm.

Informatics

PC HOLDER

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CPU holder to be fixed on one side of the bench.
Installable right or left.

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Monitor arm with integrated keboard shelf.

MONITOR ARM FOR LAPTOP

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Monitor arm to support a laptop.

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For European countries
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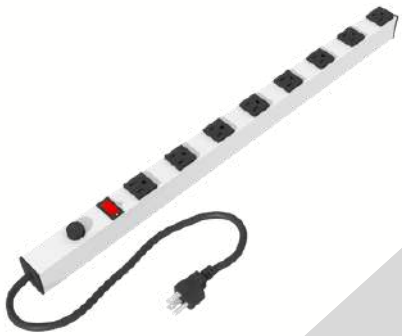

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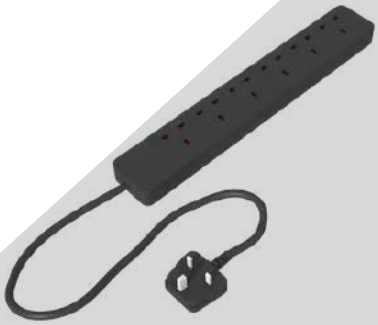

POWER STRIP SWITZERLAND

p/n **ELECCH**

For Switzerland
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p/n **ELECDE**

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IEC POWER STRIP

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Fixed underneath bench worksurface.
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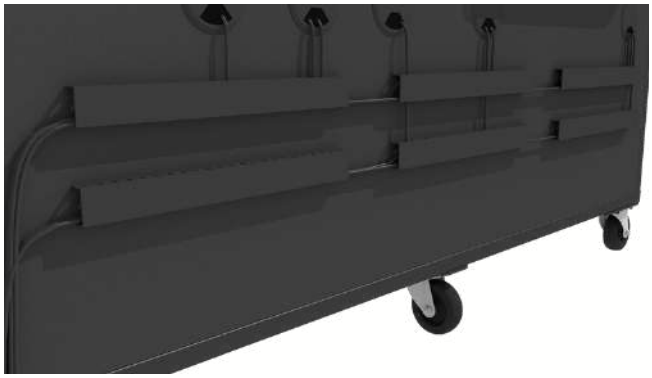

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Overheating security

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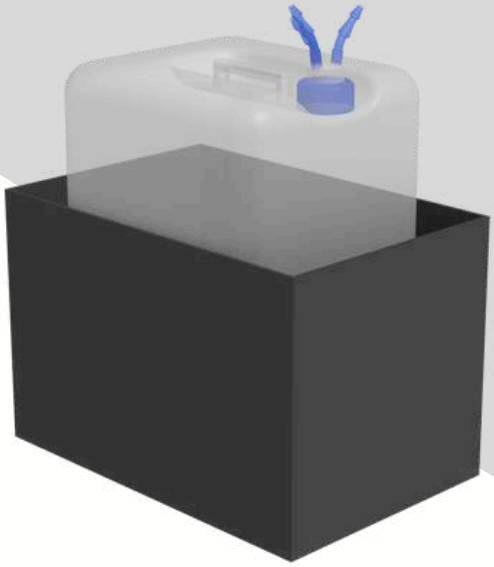
Worksurface upgraded to Trespa® Toplab®, chemically resistant and easy to clean.



SOLVENT WASTE STORAGE

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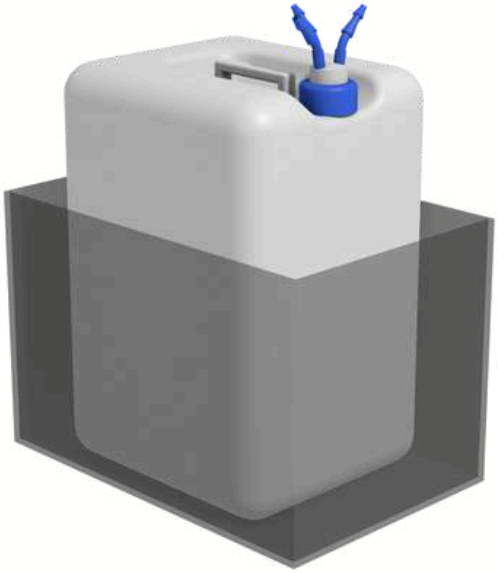
Container for solvent waste bottles.

Internal dimension :
W 200 x D 300 x H 200 mm
W 7.87 x D 11,81 x H 7.87 in



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SOLVENT WASTE MANIFOLD

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Magnetic manifold for solvent tubing management.
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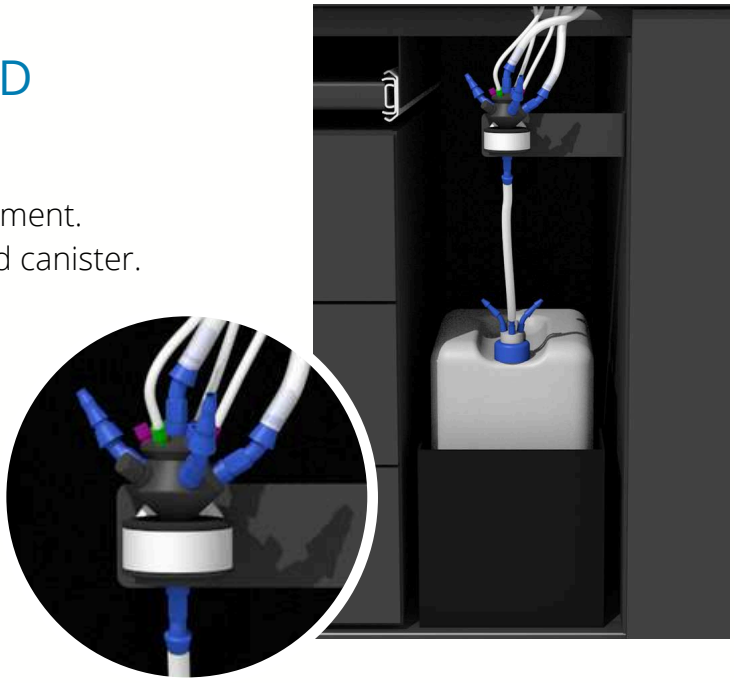

EXHAUST FILTER

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with integrated service life indicator and label field, with connector GL14 for caps. With activated carbon. Average 6 months service life with Canister 10l
Includes also a 90° adaptor to minimize filter space under the bench.

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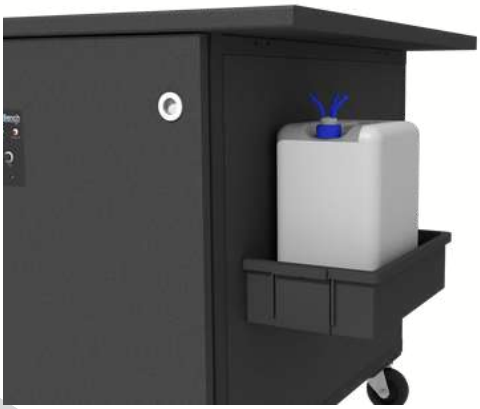
AVAILABLE OPTIONS



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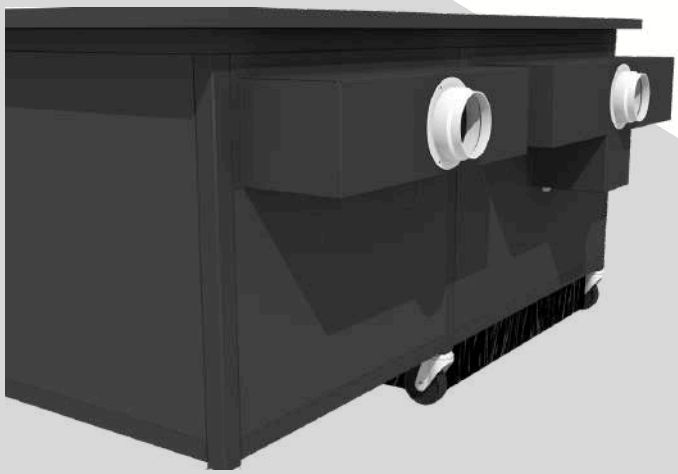


AVAILABLE OPTIONS

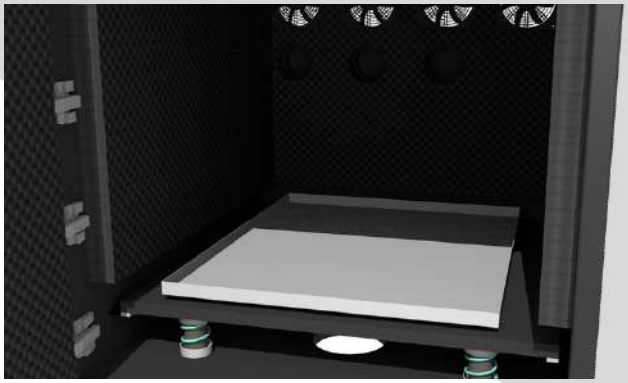
Maintenance

STAINLESS STEEL OIL DRIP PAN

p/n **VPSP58**

Stainless steel drip pan for vacuum pump.
To prevent oil spread in case of leakage.

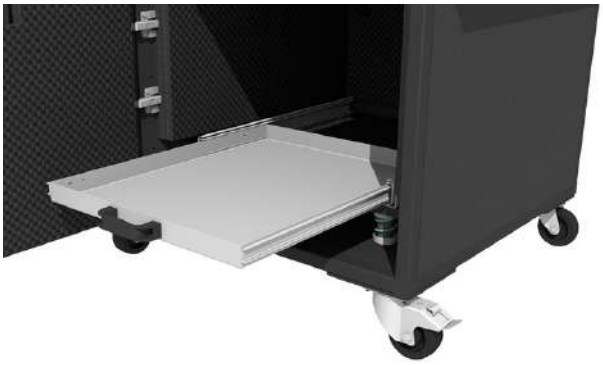
Dimension (D x W) :
500 mm x 450 mm
19.68 in x 17.71 in



SLIDING TRAY

p/n **SLIDE_PUMP**

Sliding platform for the vacuum pump.
The pump can be slided out from the noise enclosure, simplify installation and maintenance.



OIL DRAIN KIT

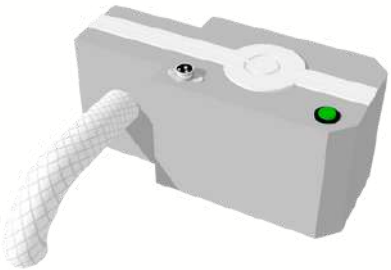
p/n **ODK**

Facilitate oil draining, one kit per vacuum pump
Contains : ball valve, connectors and 30cm long pipe

OIL DRAIN PUMP

p/n **ODP**

Oil pump to drain the vacuum pump
Needs "ODK" item to operate



AVAILABLE OPTIONS

Color

GREY COLOUR BENCH

p/n **GREY-CO**

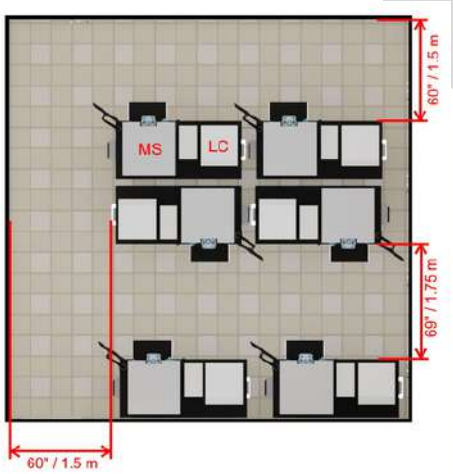
Light grey colour.

Custom benches

Many designs and sizes available on request.

AVAILABLE OPTIONS

WE ALSO DESIGN COMPLETE LAB LAYOUTS WITH STANDARD OR CUSTOM BENCHES. PLEASE CONTACT US FOR MORE INFORMATION



Trust a reliable partner, ionBench. The experts in standard and custom designed LC&MS laboratory furniture

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France

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Suite 300, PMB#3070
DURHAM, NC, 27713
USA

BCH190NE78

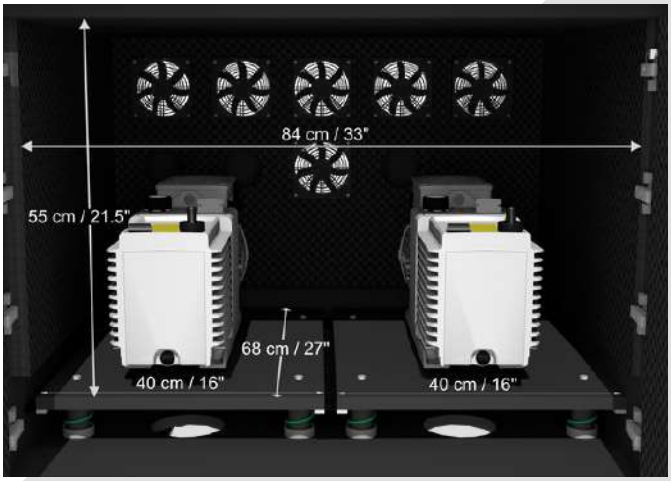
PRODUCT OVERVIEW

- **Fully assembled** Mass Spectrometer Bench.
- **Fully movable** with lockable castor wheels.
- Integrated vacuum pump(s) **noise enclosure**.
- Fan **heat extraction** system.
- Hoses & wires **grommets**.
- Vacuum pump(s) **dampening vibration** system.
- Overheating **temperature alarm**.

Bench characteristics:

External dimensions	CM	INCH
Width	190	75
Depth	88	34.5
Height	86	34
Weight	**KG**	**LB**
Weight capacity	Up to 500	Up to 1110

Noise enclosure dimensions:



MIRROR CONFIGURATION ON REQUEST :

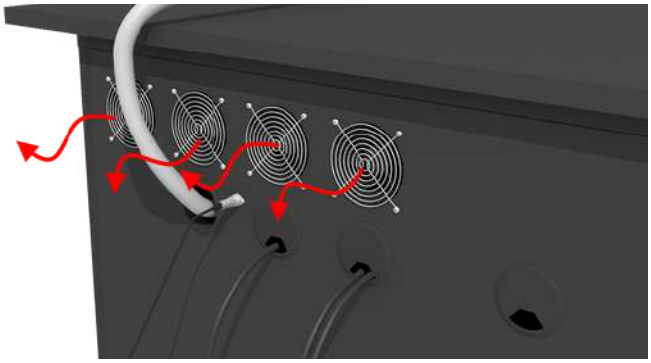
SEE THIS VIDEO ON **IONBENCH** :

STANDARD SPECIFICATIONS

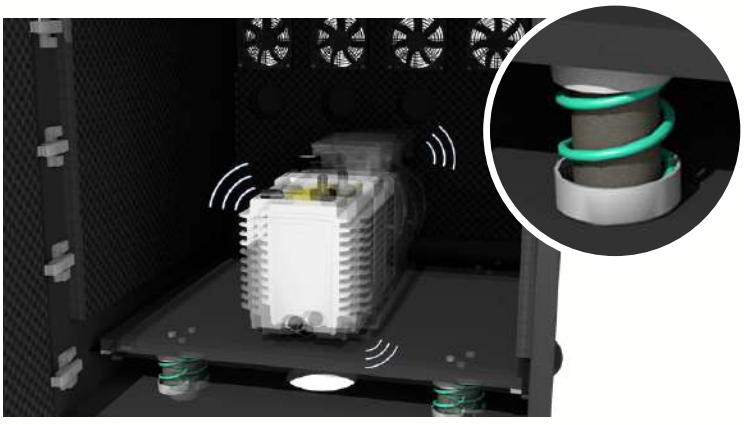
Delivered fully assembled

Fully movable

Integrated noise enclosure



Fan heat extraction system
Hoses & wires grommets



Dampening vibration system

Overheating temperature alarm

AVAILABLE OPTIONS

Workstation

DRAWERS

p/n **DR3**

Bank of three drawers.

SLIDING WORK SURFACE

p/n **SLIDE_WS**

Extra sliding worksurface underneath countertop.
Size : W60 x D60 cm.

Informatics

PC HOLDER

p/n **PC1**

CPU holder to be fixed on one side of the bench.
Installable right or left.

INFORMATION CONTROL PACKAGE

p/n **ARM1**

Pack of a single monitor arm and sliding keyboard.

AVAILABLE OPTIONS

RETRACTABLE KEYBOARD

p/n **KEY1**

Retractable keyboard and mouse table.

ARTICULED DISPLAY ARM

p/n **SCR1**

Monitor arm.
Dual monitor arm on demand.

MONITOR ARM WITH KEYBOARD TRAY

p/n **ARM_ERG**

Monitor arm with integrated keboard shelf.

MONITOR ARM FOR LAPTOP

p/n **ARM_LAPTOP**

Monitor arm to support a laptop.

AVAILABLE OPTIONS

POWER STRIP EUROPE

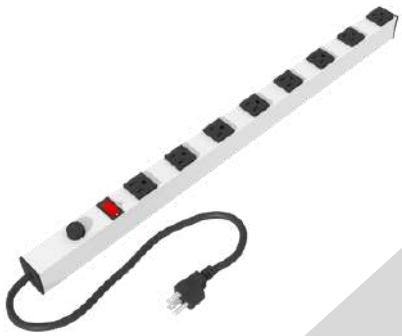
p/n **ELECEU**

For European countries
(except United Kingdom - Switzerland and
Germany) with 8 electric outlets
230V - 50Hz - Type E

POWER STRIP NORTH AMERICA

p/n **ELECUSA**

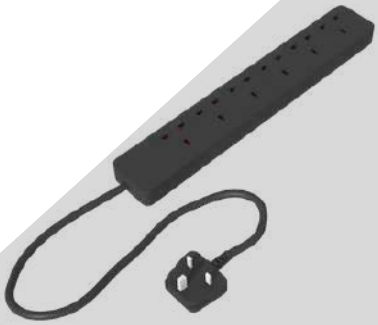
For North American countries and Japan
with 8 electric outlets
120V - 60Hz - Type A / B



POWER STRIP UNITED KINGDOM

p/n **ELECUK**

For United Kingdom and Ireland
with 6 electric outlets
230V - 50Hz - Type G



POWER STRIP SWITZERLAND

p/n **ELECCH**

For Switzerland
with 6 electric outlets
230V - 50Hz - Type J

POWER STRIP GERMANY

p/n **ELECDE**

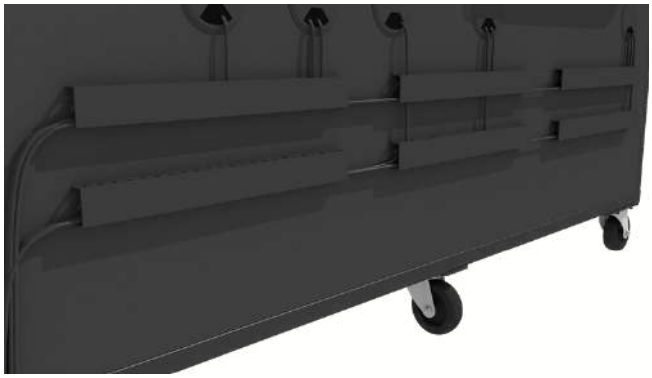
For Germany
with 8 electric outlets
230V - 50Hz - Type F

AVAILABLE OPTIONS

IEC POWER STRIP

p/n **IEC**

Fixed underneath bench worksurface.
Including 6x extention 1,50 m IEC cords.



CABLE TRAY MANAGEMENT

p/n **CABLE_TRAY**

Cable management system fixed behind the bench.

Overheating security

AUTOMATIC OVERHEATING DOOR OPENING SYSTEM

p/n **DOOR-OPE-SAFETY**

Automatic door opening system if the enclosure temperature becomes too high.

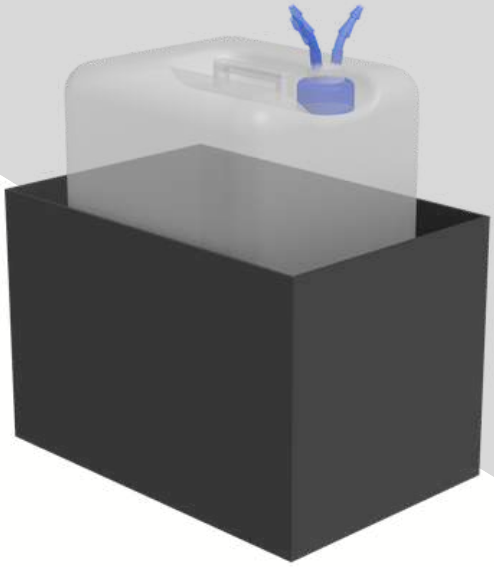
AVAILABLE OPTIONS

Solvent management

TRESPA WORKSURFACE

p/n **TRESPA_WS_MS**

Worksurface upgraded to Trespa® Toplab®, chemically resistant and easy to clean.

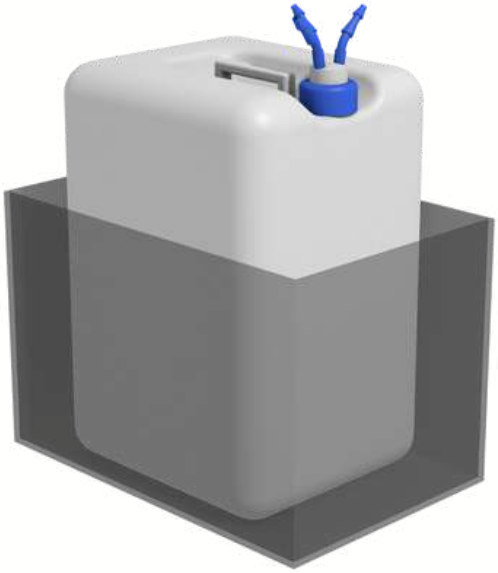


SOLVENT WASTE STORAGE

p/n **SOLV**

Container for solvent waste bottles.

Internal dimension :
W 200 x D 300 x H 200 mm
W 7.87 x D 11,81 x H 7.87 in



CANISTER 10 LITERS + WASTE CAP

p/n **CAN-10L**

Compatible with SOLV container.
Made of PE-HD
Dimensions :
W 190 x D 235 x H 300 mm
W 7,48 x D 9,25 x H 11,81 in

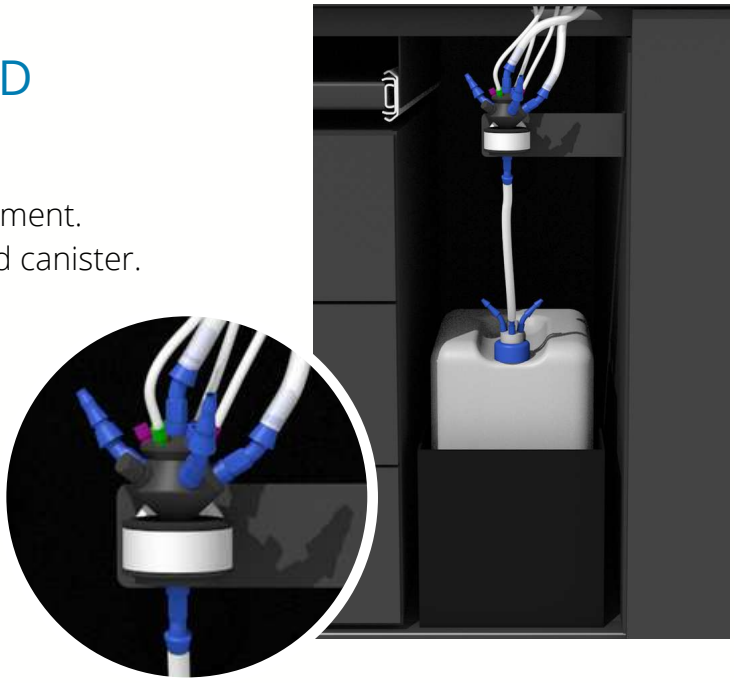
Screw cap GL45 made of PPS yellow, 2 capillary connections (x 2 UNF1/4") , 1 connection for tubing ID 5.5-8 mm (NPT 1/8")
including kit of fittings made of PFA (2 tubing OD 1,6mm, 2 tubing OD 2.2mm, 2 tubing OD 3,2 mm, 1 blind, 1 hose connector for tubing ID 5.5-8 mm)

AVAILABLE OPTIONS

SOLVENT WASTE MANIFOLD

p/n **SOLV-MNFLD**

Magnetic manifold for solvent tubing management.
With connections and hose between manifold and canister.



EXHAUST FILTER

p/n **EXH-FIL**

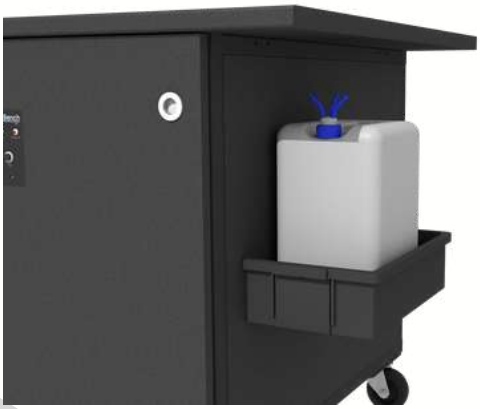
with integrated service life indicator and label field, with connector GL14 for caps. With activated carbon. Average 6 months service life with Canister 10l Includes also a 90° adaptor to minimize filter space under the bench.

ELECTRONIC MODULE WITH DISC SENSOR

p/n **ELEC-LEVEL**

One way, alarm and light when canister is full, including one disc sensor with 3m cable, 2m hook loop fasterner for disc sensor and power supply.

AVAILABLE OPTIONS



LATERAL SOLVANT WASTE STORAGE

p/n **LAT-SOLV**

Side fixed container for solvent waste bottles.

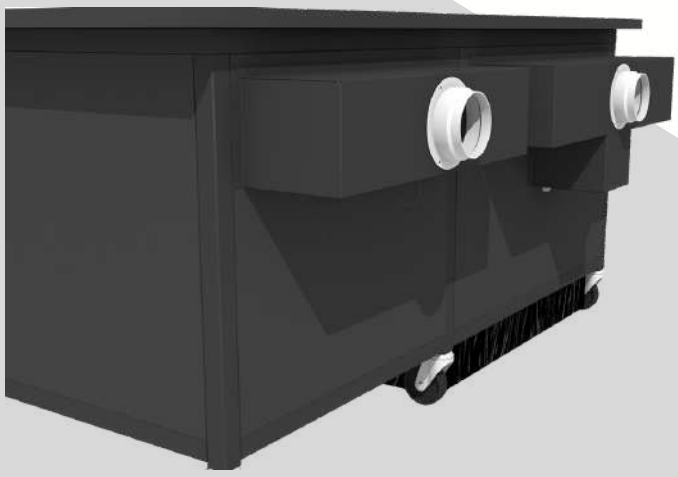
Internal dimension :
W 200 x D 300 x H 200 mm
W 7.87 x D 11,81 x H 7.87 in

Energy saving

HEAT REMOVAL MODULE

p/n **HRM**

Noise enclosure hot air collector system, need to be connected to the room ventilation exhaust.
Contains : Fans cover, air vent flange Ø125mm, flexible duct 3m long, clamp



AVAILABLE OPTIONS

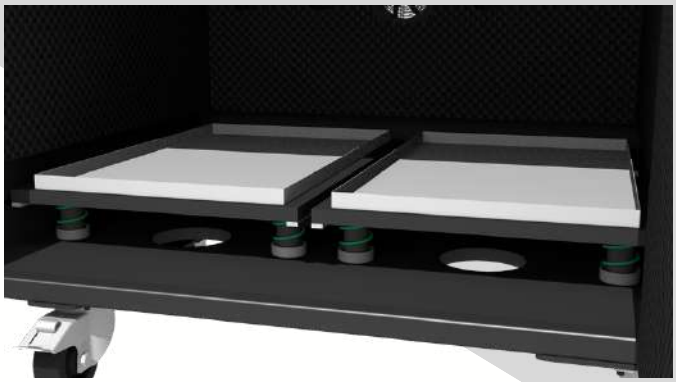
Maintenance

STAINLESS STEEL OIL DRIP PAN

p/n **VPSP78-SET**

Stainless steel drip pan for vacuum pump.
To prevent oil spread in case of leakage.

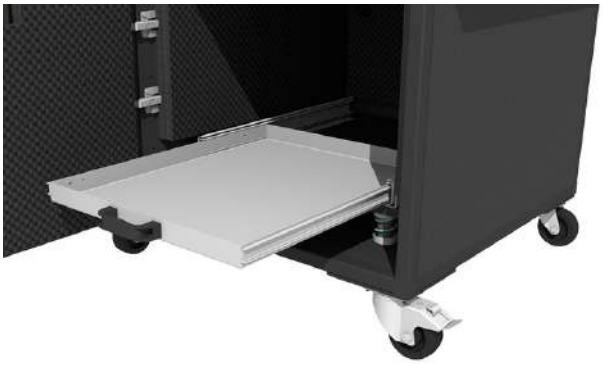
Dimension (D x W) :
500 mm x 323 mm
19.68 in x 12.71 in



SLIDING TRAY

p/n **SLIDE_PUMP**

Sliding platform for the vacuum pump.
The pump can be slided out from the noise enclosure, simplify installation and maintenance.



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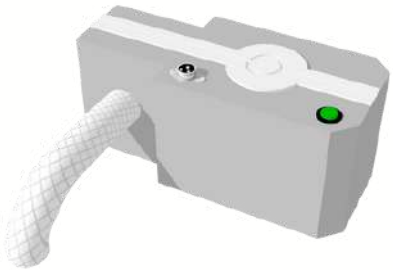

AVAILABLE OPTIONS

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GREY COLOUR BENCH

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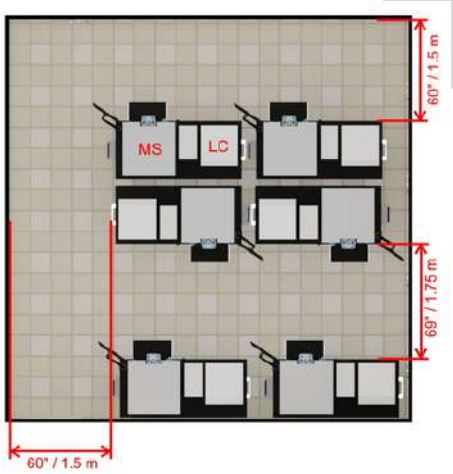

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USA

Section 1: General Information (email, item and description)

IonBench brand Mass Spectrometer benches fulfilled by Thermo Scientific.

Luke Marty (Thermo Sales Rep): luke.marty@thermofisher.com

BCH190NE78 (2×), BCH200NE27_CUSTWH, BCH190NE58

BCH190NE78 QTY = 2

PRODUCT OVERVIEW

- Fully movable Mass Spectrometer Bench with 7x solidly built casters including 3x lockable
- Integrated noise reduction enclosure for accommodating vacuum pumps including exhaust fan
- Patented dampening system to prevent vibrations being transmitted to the Mass Spectrometer
- Audible & visual overheating temperature alarm
- Quick & easy oil change procedure
- Tubing & cabling management
- include shipping, CPU holder, Keyboard and mouse sliding platform, and Dual monitors arm

Bench size

External dimensions	CM	INCH
• Width	190	74.80
• Depth	88	34.64
• Height	86	33.9
• ionBench Weight	200 kg	441 lbs

BCH200NE27_CUSTWH QTY = 1

PRODUCT OVERVIEW

- Fully movable Mass Spectrometer Bench with 7x solidly built casters including 3x lockable
- Integrated noise reduction enclosure for accommodating vacuum pumps including exhaust fan
- Patented dampening system to prevent vibrations being transmitted to the Mass Spectrometer
- Audible & visual overheating temperature alarm
- Quick & easy oil change procedure
- Tubing & cabling management
- include shipping, CPU holder, Keyboard and mouse sliding platform, and Dual monitors arm

Bench size (Custom width)

External dimensions	CM	INCH
• Width	200	74.80
• Depth	88	34.64
• Height	86	33.9
• ionBench Weight	200 kg	441 lbs

BCH190NE58 **QTY = 1**

PRODUCT OVERVIEW

- Fully movable Mass Spectrometer Bench with 7x solidly built casters including 3x lockable
- Integrated noise reduction enclosure for accommodating vacuum pumps including exhaust fan
- Patented dampening system to prevent vibrations being transmitted to the Mass Spectrometer
- Audible & visual overheating temperature alarm
- Quick & easy oil change procedure
- Tubing & cabling management
- include shipping, CPU holder, Keyboard and mouse sliding platform, and Dual monitors arm

Bench size

External dimensions	CM	INCH
• Width	190	74.80
• Depth	88	34.64
• Height	86	33.9
• ionBench Weight	200 kg	441 lbs

The Instruments the will support are as follows:

Instrument Model	Make	Model #	QTY	Min Width (in)	Min Depth (in)	Preferred height (in)	IonBench Suggested Model	Options
TSQ Altis	**Thermo**		1	74	34	34	BCH190NE78	Dual Monitor Stand, PC Stand, Keyboard/mouse tray
QExactive-GC w/ extended Rail RSH AS	**Thermo**		1	78	34	34	BCH200NE27_CUSTWH Custom width of 200cm (otherwise same as BCH190NE27).	Dual Monitor Stand, PC Stand, Keyboard/mouse tray
6490 HPLC-MSMS	**Agilent**		1	74	34	34	BCH190NE78	Dual Monitor Stand, PC Stand, Keyboard/mouse tray
SciEx 4500 QQQ (same as TSQ dimensions)	**SciEx**		1	74	34	34	BCH190NE58	Dual Monitor Stand, PC Stand, Keyboard/mouse tray

Section 2: Technical Information (type of supplier being sought, reason for scout, manufacturing process, dimensions, tolerances, performance specifications, required materials, required certifications, regulations, and additional comments)

Seeking Thermo Scientific as a supplier as they are already a supplier of IonBench for their Mass Spectrometers (of which we have multiple instruments). IonBench is a French company and therefore the products are made in France. We have no requirements other than the benchtops meet the general requirements listed above and they are specifically stated to work with our instrument brand/models.

Section 3: Business Information (business volume, target price, delivery and packaging requirements, and additional comments)

Target Price should be around $6000-$7500 per bench top ($29,000 max for all four). Should be shipped fully or mostly assembled via freight to:

6201 Congdon Blvd, Duluth, MN 55804, USA

Section 4: Additional Information (attach drawings, photos, specifications, etc.)

(See Attached brochures of IonBench models.)