

Purchase Contract

(hereafter the “Contract”)

1. CONTRACTUAL PARTIES

1.1 Fyzikální ústav AV ČR, v. v. i.,

with offices: Na Slovance 1999/2, 182 21 Praha 8,
represented by: Prof. Jan Řídký, DrSc. – Director,
Registered in the register of public research institutions of the Ministry of Education, Youth and Sports
of the Czech Republic.

Bank: UniCredit Bank Czech Republic and Slovakia, a.s.

Account No.: 2106535627/2700

ID No.: 68378271

Tax ID No.: CZ68378271

(hereinafter the “Buyer”)

and

1.2 M.Braun Inertgas-Systeme GmbH,

with seat: Dieselstr. 31, D-85748 Garching, Germany,
represented by: Dr. Martin Reinelt, Dr. Thomas Bultmann,
registered in Munich, Germany.

Bank: HypoVereinsbank München

Account No.: IBAN: DE45 7002 0270 0031 0225 50, BIC: BYVEDEMN

ID No.: HRB 51084

Tax ID No.: DE129406284

(hereinafter the “Seller”),

(the Buyer and the Seller are hereinafter jointly referred to as the “Parties” and each of them
individually as a “Party”).

2. FUNDAMENTAL PROVISIONS

- 2.1 The Buyer is a public research institution whose primary activity is scientific research in the area of physics, especially elementary particles physics, condensed systems, plasma and optics.
- 2.2 The Buyer wishes to acquire the subject of performance hereof (glove box with protective inert atmosphere and internal cleaning circuit) in order to handle, weigh and prepare the experiments in its internal space when using hygroscopic compounds or objects, which require a protective inert atmosphere without H₂O and O₂ for work.
- 2.3 The Seller was selected as the winner of a public procurement procedure announced by the Buyer outside the scheme of the Act No. 137/2006 Coll., on Public Procurement, as amended (hereinafter the “**Act**”), for the public contract called “**Glove box station with protective inert atmosphere and inner purification circuit**” (hereinafter the “**Procurement Procedure**”).
- 2.4 The documentation necessary for the execution of the subject of performance hereof consist of
- 2.4.1 Technical specifications of the subject of performance hereof attached as **Annex No. 1** hereto.
- 2.4.2 The Seller’s bid submitted within the Procurement Procedure in its parts which describe the subject of performance in technical detail (hereinafter the “**Sellers’s Bid**”); the Sellers’s Bid forms form **Annex No. 2** to this Contract and an integral part hereof.
- In the event of a conflict between the Contract’s Annexes the technical specification / requirement of the higher level / quality shall prevail.
- 2.5 The Seller declares that it has all the professional prerequisites required for the supply of the subject of performance under this Contract, is authorised to supply the subject of performance and there exist no obstacles on the part of the Seller that would prevent the Seller from supplying the subject of this Contract to the Buyer.
- 2.6 The Seller acknowledges that the Buyer considers the Seller’s participation in the Procedure, provided that the Seller complies with all qualification requirements, as the confirmation of the fact that the Seller is capable, within the meaning of Sec 5(1) of the Act No. 89/2012 Coll., the Civil Code, as amended (hereinafter the “**Civil Code**”) of providing performance under the Contract with such knowledge, diligence and care that is associated and expected of the Seller’s profession, and that the Seller’s potential performance lacking such professional care would give rise to corresponding liability on the Seller’s part. The Seller is prohibited from misusing its qualities as the expert or its economic position in order to create or exploit dependency of the weaker Party or to establish an unjustified imbalance in the mutual rights and obligation of the Parties.
- 2.7 The Seller acknowledges that the Buyer is not in connection to the subject of this Contract, an entrepreneur, and also that the subject of this contract is not related to any business activities of the Buyer.
- 2.8 The Seller acknowledges that the production and delivery of the subject of performance within the specified time and of the specified quality, as shown in Annexes No. 1 and 2 of this Contract (including the handover and invoicing) is essential for the Buyer. If the Seller fails to meet contractual requirements, it may incur damage of the Buyer.
- 2.9 The Seller declares that he accepts the “risk of changed circumstances” within the meaning of Sec 1765(2) of the Civil Code.

2.10 The Contractual Parties declare that they shall maintain confidentiality with respect to all facts and information, which they learn in connection herewith and / or during performance hereunder, and whose disclosure could cause damage to either Party. Confidentiality provisions do not prejudice obligations on the part of the Buyer arising from valid legislation.

3. SUBJECT-MATTER OF THE CONTRACT

3.1 The subject of this Contract is the obligation on the part of the Seller to handover and transfer into the Buyer's ownership:

the **Glove box station with protective inert atmosphere and inner purification circuit** (hereafter the "Equipment")

and the Buyer undertakes to take delivery of the Equipment and to pay to the Seller the agreed upon price.

3.2 The following activities form an integral part of the performance to be provided by the Seller:

3.2.1 Transport of the Equipment incl. all accessories specified in Annexes 1 and 2 of the Contract to the site, un-packaging and control thereof,

3.2.2 Installation of the Equipment including connection to installation infrastructure at the site,

3.2.3 Verification of the Equipment's proper functionality and adjustment at the site,

3.2.4 Delivery of instructions and operating and repair manuals Equipment in Czech or English language to the Buyer, in electronic and hardcopy (printed) versions,

3.2.5 Training of operators at the site,

3.2.6 Free-of-charge warranty service including service inspections,

3.3 The subject of performance (Equipment) is specified in detail in Annexes No. 1 and No. 2 hereto.

3.4 The Seller shall be liable for the Equipment and related services to be in full compliance with this Contract, its Annexes, the submitted bid and all valid legal regulation, technical and quality standards and that the Buyer will be able to use the Equipment for the defined purpose. In case of any conflict between applicable standards it is understood that the more strict standard or its part shall always apply.

3.5 The delivered Equipment and all its parts, accessories must be brand new and unused.

4. PERFORMANCE PERIOD

4.1 The Seller undertakes to handover the Equipment properly after the initial installation, demonstrating its functionality and operator training within 3 months of the conclusion hereof.

4.2 The Seller shall notify the Buyer about the term of the delivery and installation of the Equipment min. 10 working days in advance.

4.3 The Buyer acknowledges that the Seller shall pay the price from public financial support with the possibility of drawing bill by the end of 2016; for this reason, the Buyer is not interested in performance of a later date than laid down in Section 4.1 hereof.

4.4 The performance period shall be extended for a period during which the Seller could not perform due to obstacles on the part of the Buyer.

5. PURCHASE PRICE, INVOICING, PAYMENTS

5.1 The purchase price is based on the Seller's submitted bid and amount to **798.800,00 CZK** (in words: **seven hundred ninety-eight thousand eight hundred CZK**) excluding VAT (hereinafter the "**Price**"). VAT shall be paid by the Buyer and settled in accordance with the valid Czech regulation.

5.2 The Price represents the maximum binding offer by the Seller and includes any and all performance provided by the Seller in connection with meeting the Buyer's requirements for the proper and complete delivery of the Equipment hereunder, as well as all costs that the Seller may incur in connection with the delivery, installation and handover, and including all other costs of expenses that may arise in connection with creation of an intellectual property creation and its protection.

5.3 The Parties agreed that the Price will be invoiced after the Handover protocol in accordance with Section 9.4 will have been signed between the Parties. In case the Equipment will be handed over with minor defects and / or unfinished work, the Price will be invoiced after removal of these minor defects and / or unfinished work.

5.4 Invoices issued by the Seller hereunder shall contain all the requirements stipulated by Act no. 235/2004 Coll., on Value Added Tax, as amended, and the Contract number.

5.5 The Buyer prefers electronic invoicing, with the invoices being delivered to efaktury@fzu.cz. All issued invoices shall comply with any international treaties prohibiting double taxation, if applicable.

5.6 Invoices shall be payable within thirty (30) days of the date of their delivery to the Buyer (hereinafter the "**Maturity Period**"). Payment of the invoiced amount means the date of its remittance to the Seller's account.

5.7 If an invoice is not issued in conformity with the payment terms stipulated by the Contract or if it does not comply with the requirements stipulated by law, the Buyer shall be entitled to return the invoice to the Seller as incomplete, or incorrectly issued, for correction or issue of a new invoice, as appropriate, within five (5) business days of the date of its delivery to the Buyer. In such a case, the Buyer shall not be in delay with the payment of the Price or part thereof and the Seller shall issue a corrected invoice with a new and identical Maturity Period commencing on the date of delivery of the corrected or newly issued invoice to the Buyer.

5.8 The Buyer shall be entitled to unilaterally set off against any receivables claimed by the Seller any of its payment due to:

5.8.1 damages caused by the Seller,

5.8.2 contractual penalties and other sanctions.

5.9 The Seller shall not be entitled to set off any of its receivables against any part of the Buyer's receivable hereunder.

6. OWNERSHIP TITLE

6.1 The ownership right to the Equipment shall pass to the Buyer by handover. Handover shall be understood as delivery and acceptance of the Equipment duly confirmed by Parties on the Handover protocol.

7. PLACE OF DELIVERY AND HANDOVER OF THE EQUIPMENT

7.1 The place of delivery and handover of the Equipment shall be the premises of the Department 24 of the Fyzikální ústav AV ČR, v.v.i. at Cukrovarnická 112/10, Praha 6, Building A, room No. A134/2.

8. COOPERATION OF THE PARTIES

8.1 The Seller undertakes to notify the Buyer of any obstacles on its part, which may negatively influence proper and timely delivery and handover of the Equipment.

8.2 The Seller shall notify the Buyer of improper preparedness of the place of handover (installation) no later than 1 month before the delivery of the Equipment.

8.3 The Parties wish to deviate from provisions of Section 2126 of the Civil Code and agree that the Seller shall not be authorized to use institutes established therein.

9. DELIVERY, INSTALLATION, HANDOVER AND ACCEPTANCE

9.1 The Seller shall transport the Equipment at its own cost to the place of handover. If the shipment is intact, the Buyer shall issue delivery note for the Seller.

9.2 The Seller shall perform and document the installation of the Equipment and launch experimental test in order to verify whether the Equipment is functional and meets the technical requirements of Annexes No. 1 and 2 hereof.

9.3 Handover procedure includes handover of any and all technical documentation pertaining to the Equipment, user manuals and certificate of compliance of the Equipment and all its parts and accessories with approved standards.

9.4 The handover procedure shall be completed by handover of the Equipment confirmed by the handover protocol containing specifications of all performed tests (hereinafter the "**Handover protocol**"). The Handover protocol shall contain the following mandatory information:

9.4.1 Information about the Seller, the Buyer and any subcontractors,

9.4.2 Description of the Equipment including description of all components and serial numbers,

9.4.3 Description of performed tests including achieved parameters,

9.4.4 Confirmation of conducted training of operators,

9.4.5 List of technical documentation including the manuals,

9.4.6 Eventually reservation of the Buyer regarding minor defects and unfinished work including the manner and deadline for their removal,

9.4.7 Date of signature of the Equipment Handover protocol.

9.5 Handover of the Equipment does not release the Seller from liability for damage caused by product defects.

9.6 The Buyer shall not be obliged to accept an Equipment, which would show defects or unfinished work and which would otherwise not form a barrier, on their own or in connection with other defects, to

using the Equipment. In this case, the Buyer shall issue a record containing the reason for its refusal to accept the Equipment.

- 9.7 Should the Buyer not exercise its right not to accept the Equipment with defects or unfinished work, the Seller and the Buyer shall list these defects or unfinished work in the Handover protocol, including the manner and deadline for their removal. Should the Parties not be able to agree in the Handover protocol on the deadline for removal of the defects, it shall be understood that any defects shall be removed / rectified within 48 hours from the handover and acceptance of the Equipment.

10. TECHNICAL ASSISTANCE - CONSULTATIONS

- 10.1 The Seller shall be obliged to provide to the Buyer free-of-charge consultations and technical assistance relating to the subject of performance hereof during the entire term of the warranty period. The Seller undertakes to provide to the Buyer consultations and technical assistance relating to the subject of performance hereof also after the warranty period expires.

11. REPRESENTATIVES, NOTICES:

- 11.1 The Seller authorized the following representatives to communicate with the Buyer in all matters relating to the Equipment delivery:

Ferdinand Schmitt (Area Sales Manager)
e-mail: f.schmitt@mbraun.de
tel. : +49 (0) 89 32669-221

- 11.2 The Buyer authorized the following representatives to communicate with the Seller:

Ing. Robert Král, Ph.D.
e-mail: kralr@fzu.cz
tel. : (+420) 220 318 557

- 11.3 All notifications to be made between the Parties hereunder must be made out in writing and delivered to the other Party by hand (with confirmed receipt) or by registered post (to the Buyer's or Seller's address), or in some other form of registered post or electronic delivery incorporating electronic signature (qualified certificate) to epodatelna@fzu.cz in case of the Buyer and to f.schmitt@mbraun.de in case of the Seller.

- 11.4 In all technical and expert matters (discussions on the Equipment testing and demonstration, notification of the need to provide warranty or post-warranty service etc.) electronic communication between technical representatives of the Parties will be acceptable using e-mail addresses defined in Sections 11.1 and 11.2.

12. TERMINATION

- 12.1 This Contract may be terminated early by agreement of the Parties or withdrawal from the Contract on the grounds stipulated by law or in the Contract.

- 12.2 The Buyer is entitled to withdraw from the Contract without any penalty from Seller in any of the following events:

12.2.1 The Seller fails to meet the deadline pursuant to Section 4.1 hereof.

12.2.2 Technical parameters or other conditions required in the technical specification defined in

Annex No. 1 and 2 hereto and in the relevant valid technical standards will not be achieved by the Equipment at handover,

12.2.3 Facts emerge bearing evidence that the Seller will not be able to deliver and handover the Equipment.

12.2.4 The Seller will not meet the qualification criteria within the Procurement Procedure.

12.3 The Seller is entitled to withdraw from the Contract in the event of the Buyer being in default with the payment for more than 2 months with the exception of the cases when the Buyer refused invoice due to defect on the delivered Equipment or due to breach of the Contract by the Seller.

12.4 Withdrawal from the Contract becomes effective on the day the written notification to that effect is delivered to the other Party. The Party which had received performance from the other Party prior to such withdrawal shall duly return such performance.

13. INSURANCE

13.1 The Seller undertakes to insure the Equipment against all risks, in the amount of the Price of the Equipment for the entire period commencing when transport of the Equipment starts until duly handed over to the Buyer. In case of breach of this obligation, the Seller shall be liable to the Buyer for any damage that may arise.

13.2 The Seller is liable for the damage that he has caused. The Seller is also liable for damage caused by third parties undertaken to carry out performance or its part under this Contract.

14. WARRANTY TERMS

14.1 The Seller shall provide warranty for the quality of the Equipment for a period of 36 months. The warranty term shall commence on the day following the date of signing of the confirmation of removal of minor defects or unfinished work or on the day following the date of signing of the Handover Protocol pursuant to Section 9.4 hereof in case the Equipment was handed over without any minor defects or unfinished work. The warranty does not cover consumable things.

14.2 The Seller undertakes to provide free-of-charge service and regular service inspections in the extent defined by the manufacturer for the entire warranty term hereunder including repairs, supply of spare parts and transport and costs associated with employing a service technician.

14.3 Should the Buyer discover a defect, he shall notify the Seller to rectify such defect using the email address service@mbraun.de. The Seller shall be obliged to respond to the notice of defect within 24 hours from notification and to send a technician for its remedy within 7 working days from notification.

14.4 The Seller shall be obliged to rectify any claimed defects on-site within 14 working days from receipt of the Buyer's notification. In cases of unusual defects, the Seller shall be obliged to rectify the defect in the period corresponding to the nature of the defect and to define the deadline for the handover of the rectified Equipment.

14.5 Any and all costs associated with defect rectification / repair including transport and travel expenses shall be always borne by the Seller.

14.6 The repaired Equipment shall be handed over by the Seller to the Buyer on the basis of a protocol confirming removal of the defect (hereinafter the "**Repair Protocol**") containing confirmations of both Parties that the Equipment was duly repaired and is defect-free.

- 14.7 The repaired portion of the Equipment shall be subject to a new warranty term in accordance with Section 14.1, which commences to run on the day following the date when the Repair Protocol was executed.
- 14.8 Should the Equipment suffer from defects which make it demonstrably unusable for a period exceeding 40 days (defect period) during any six (or less) consecutive months during the warranty term, the Seller shall be obliged to rectify such defect by delivering new defect-free Equipment in accordance with Section 2106(1)(a) of the Civil Code within 60 days from the date the Seller was called upon to deliver the new Equipment. The Equipment is demonstrably unusable, when the technical parameters or other conditions required in the technical specification defined in Annex No. 1 and 2 hereto and in the relevant valid technical standards are not met.

15. CONTRACTUAL PENALTIES

- 15.1 The Buyer shall have the right to a penalty in the amount of 0,1 % of the Price for each commenced day of delay with the performance pursuant to Section 4.1 and 14.8 hereof.
- 15.2 The Buyer shall have the right to a penalty in the amount of 0,1 % of the Price for each commenced day of delay with rectifying of claimed defects pursuant to Section 14.4 hereof.
- 15.3 The Buyer shall be entitled to claim a contractual penalty against the Seller in the amount of 30 % of the Price, in case he will subsequently take advantage of the opportunity to withdraw from the Contract pursuant to Section 12.2.1 and 12.2.2.
- 15.4 In case of default in payment of any due receivables (monetary debt) under the Contract, the defaulting Buyer or Seller (the debtor) shall be obliged to pay a contractual penalty at the statutory rate for each commenced day of delay with the payment.
- 15.5 Contractual penalties are payable within 30 days of notification demanding payment thereof.
- 15.6 Payment of the contractual penalty does not prejudice the rights of the Parties to claim damages; The Parties exclude use of Sec 2050 of the Civil Code.

16. DISPUTES

- 16.1 Any and all disputes arising out of this Contract or the legal relationships connected with the Contract shall be resolved by the Parties by mutual negotiations. In the event that any dispute cannot be resolved by negotiations within sixty (60) days, the dispute shall be resolved by the competent court in the Czech Republic based on application of any of the Parties; the court having jurisdiction will be the court where the seat of the Buyer is located. Disputes shall be resolved exclusively by the law of the Czech Republic.

17. FINAL PROVISIONS

- 17.1 This Contract represents the entire agreement between the Buyer and the Seller. The relationships between the Parties not regulated in this Contract shall be governed by the Civil Code.
- 17.2 In the event that any of the provisions of this Contract shall later be shown or determined to be invalid, ineffective or unenforceable, then such invalidity, ineffectiveness or unenforceability shall not cause invalidity, ineffectiveness or unenforceability of the Contract as a whole. In such event the Parties undertake without undue delay to subsequently clarify any such provision or replace after mutual agreement such invalid, ineffective or unenforceable provision of the Contract by a new provision, that in the extent permitted by the laws and regulations of the Czech Republic, relates as closely as possible

to the intentions of the Parties to the Contract at the time of creation hereof.

17.3 This Contract becomes valid and effective as of the day of its conclusion by the authorised persons of both Parties.

17.4 This Contract may be changed or supplemented solely by means of numbered amendments in writing, furnished with the details of time and place and signed by duly authorised representatives of the Parties. The Parties expressly reject, within the bounds of Sec 564 of the Civil Code, modifications to the Contract in any other manner.

17.5 This Contract is drawn up in three (3) counterparts, each of which is deemed to be the original. The Seller shall receive two (2) counterparts, the Buyer shall receive one (1) counterpart.

17.6 The following Annexes form an integral part of the Contract:

Annex No. 1: Buyer's technical specification of the Equipment

Annex No. 2: Seller's technical specification

a) Technical specification on the subject of performance

b) Seller's bid in respect of part which technically describes the device

17.7 The Parties, manifesting their consent with the entire contents of this Contract, attach their signature hereunder.

In Prague on _____

In Garching on _____

For the Buyer: Fyzikální ústav AV ČR, v. v. i.

For the Seller: M.Braun Inertgas-Systeme GmbH

prof. Jan Řídký, DrSc.
Director

ppa. Daniel Kacerovsky
Director Sales & Service

Annex No. 1 – Buyer’s technical specification of the Equipment

The stainless steel Glove box station with protective inert atmosphere, integrated gas purification system, and controls for handling, weighing, and preparation of experiments in its inner workspace when using hygroscopic compounds or objects is demanded. Requirements of its specifications are as follows: (i) inner workspace with dimensions ca. 1200 x 780 x 910 mm (W x D x H) with deviation ± 80 mm, (ii) automatic gas purification circuit to maintain the moisture (H₂O) and Oxygen (O₂) content in the inner atmosphere below 1 ppm with automatic regeneration, (iii) minimal inner dimensions of large antechamber 380 x 600 mm (diameter x length) installed on the right side of the station, (iv) Nitrogen (N₂) or Argon (Ar) as working gasses used for inner atmosphere, (v) automatic pressure control inside the glove box with selection of the over and under pressure and with possibility to control it using a foot switch, (vi) Glove box purging system, (vii) absorbers for removal of acidic gasses and solvents at contamination of inner workspace, (viii) 2 ports to enter the glove box – large and small antechamber with corresponding accessories required for entering and exiting the inner workspace of the glove box, (ix) minimal dimensions of small antechamber 150 x 300 mm (diameter x length), (x) feedthroughs for electricity (240VAC) and RS232 connector and corresponding sockets inside the inner workspace of the Glove box, (xi) adjustment (if necessary) of the glove box power input for electric network operational in the Czech Republic at 240VAC.

Annex No. 2 a) contains a table documenting whether the Goods meet the required specifications.

Annex No. 2 a) – Technical specification on the subject of performance

Description and minimum specification of the Goods as defined by the Buyer	Description and specification of the Equipment offered by the Seller	Complies YES/NO
Inner workspace with dimensions ca. 1200 x 780 x 910 mm (W x D x H) with deviation ±80 mm	Inner workspace with dimensions ca. 1200 x 780 x 910 mm (W x D x H)	YES
Automatic gas purification circuit to maintain the moisture (H₂O) and Oxygen (O₂) content in the inner atmosphere below 1 ppm with automatic regeneration	Automatic gas purification circuit to maintain the moisture (H ₂ O) and Oxygen (O ₂) content in the inner atmosphere below 1 ppm with automatic regeneration	YES
Minimal inner dimensions of large antechamber 380 x 600 mm (diameter x length) installed on the right side of the station	Inner dimensions of large antechamber 390 x 600 mm (diameter x length) installed on the right side of the station	YES
Nitrogen (N₂) or Argon (Ar) as working gasses used for inner atmosphere	Nitrogen (N ₂) or Argon (Ar) as working gasses used for inner atmosphere	YES
Automatic pressure control inside the glove box with selection of the over and under pressure and with possibility to control it using a foot switch	Automatic pressure control inside the glove box with selection of the over and under pressure (between + 15 mbar and -15 mbar) and with possibility to control it using a foot switch	YES
Glove box purging system	Glove box purging system: Unit for inerting (purging) of the workspace with inertgas; Operation: via operation panel of the gas purifier; PLC-controlled Valves Flow rate: max. 250 l/min; incl. manual regulation valve for reduction of the gas flow	YES
Absorbers for removal of acidic gasses and solvents at contamination of inner workspace	Unit for removal of solvent contaminations from the glovebox atmosphere (LMF) Principle: adsorption Adsorber: activated charcoal (Special Impregnation for acid gases) Loading: approx. 5 kg	YES
2 ports to enter the glove box – large and small antechamber with corresponding accessories required for entering and exiting the inner workspace of the glove box	2 ports to enter the glove box – large and small antechamber with corresponding accessories required for entering and exiting the inner workspace of the glove box	YES
Minimal dimensions of small antechamber 150 x 300 mm (diameter x length)	Dimensions of small antechamber 150 x 400 mm (diameter x length)	YES
Feedthroughs for electricity (240VAC) and RS232 connector and corresponding sockets inside the inner workspace of the Glove box	Feedthroughs for electricity (240VAC) and RS232 connector and corresponding sockets inside the inner workspace of the Glove box	YES

Adjustment (if necessary) of the glove box power input for electric network operational in the Czech Republic at 240VAC	The System complies with the electric Power requirements for the Czech Republic at 240VAC	YES
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Annex No. 2 b) – The Seller's bid in the extent it describes technical parameters of the Equipment



M. Braun Inergas-Systeme GmbH Postfach 1323 D-85741
Schefflitz

Fyzikální ústav AV ČR
Cukrovarnická 112/10
Building A, Room No. A134/2
Praha 6, 162 00
Czech Republic

Delivery address:

Fyzikální ústav AV ČR
Cukrovarnická 112/10
Building A, Room No. A134/2
Praha 6, 162 00
Czech Republic

Quotation

No.:	ANI6-01482	Responsible	
Date:	03.05.18	Phone M.Braun	+49(0) 69-32 668 - 0
Customer No.:	30937	Bank:	Frdinand Behring
VAT-Id No.:		Tel. Fax: 241 1 661 - 276	e-mail: f.braun@mb.a.nice
Deb.-Ref.:		Guinze-erte / Manual Ernst	
		Tel-Cell: +322 Fax: +308	e-mail: m.ernst@mbraun.de

Pos.	Description	Qty.	Unit	Price-unit	Amount	Currency
	Glovebox-System Labstar (2 Glovee)					
1460	1500020 MB-Labstar (1200/7dG) Glovebox with gas purification system for the work under controlled atmosphere with <1 ppm oxygen and moisture Model: compact system, single sided glovebox. 1 user workstation; antechamber installed on right side Internal workspace dimensions: 1200 mm (W) x 780 mm (D) x 820 mm (H) Gas purifier: fully automatic 1-filter column gas circulation system for cleaning inert gas and to	1.00	Piece(s)	475.720,00	475.720,00	CZK
				Sum carried forward:	475.720,00	CZK

M. Braun Inergas-Systeme GmbH • Dusseldorf • D-10545 Germany • Telefon: 0 69 32 56 9-0 • Telefax: 0 69 32 00 8-10 • Web: www.braun.de
HypoVereinsbank AG München • BIC: SWIFT-Adresse: HYVEDE33 • IBAN: DE45 7002 0675 0031 0025 00
Sparkassen München • BIC: SWIFT-Adresse: SSKNDE33 • IBAN: DE85 7015 0000 0003 0010 00
Commerzbank AG München • BIC: SWIFT-Adresse: COBADE33 • IBAN: DE21 2504 0541 0011 0160 00
RaiffeisenKreditbank Oberösterreich AG Passau • BIC: SWIFT-Adresse: RZOODE33 • IBAN: DE08 2410 0010 0006 0025 40
Geschäftsbüro: Dr. Verhulst, Dr. Thomas Bultmann • Eintragung Amtsgericht München HRB 51084 • USt-IdNr.: DE128406261



Quotation- AN16-
 No., 01482
 Date, 08.05.18
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Sum carried forward: 475.720,00 CZK

Pos.	Description	Qty.	Unit	Price-unit	Amount	Currency
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absorb O2 and H2O;
 Working gas: The system can be operated with
 Nitrogen (N2), Argon (Ar) or Helium (He);
 For gloveboxes up to 2 m³ volume
 Filter capacity: 200 l O2 (Oxygen) and 500 g H2O
 (Moisture) *
 Circulation blower: up to 22 m³h⁻¹, frequency
 controlled; vibration dampened, without heat load
 generation
 Filter column valves: electro-pneum. main valves
 Filter column regeneration: automatic sequencing
 program
 Control unit: PLC – M.Braun with colour touch
 panel (7")
 Automatic box pressure control in adjustable range
 between -16 to -15 mbar (box can be operated at
 over- or under pressure)
 Additional foot switch to change box pressure
 during operation;
 Economical and power saving operation mode (M3-
 EcoMode) optional available.

Standard features (for additional information,
please see actual product info).

1 pc. Glovebox compact system; Stainless steel
 1.4301 (SU 6304) inside brushed, outside RAL 9003;
 Leakage <0.05Pa/50h (Class 1 according ISO 10648
 -2)
 Screwed side panels
 1 pc. stand, height 1000 mm; Incl. castors and
 machine feet (height adjustable)
 1 pc. Circulation pipework stainless steel
 1 pc. front window: slanted front side for
 ergonomically operation;
 Material Polycarbonate with SAPHIR hard coating
 (resistant to many chemicals and scratches)
 2 pc. Gloveport feedthroughs,
 diameter 220 mm
 red gloves (Nitril, 0.4mm, size L)
 1 pc. Lighting (front side)

Sum carried forward: 475.720,00 CZK

M. Braun Inertgas-Systeme GmbH • Daseatz, 51 • D-95748 Gabeling • Telefon: 0 89 / 32 86 9 0 • Telefax: 0 89 / 32 86 9 105 • Web: www.mbraun.de
 Hypo-Altenbank AG München • BIC/SWIFT-Adresse: HYVDE333 • IBAN: DE44 7002 0270 0031 0225 50
 Raiffeisenbank München • BIC/SWIFT-Adresse: RSMDE333 • IBAN: DE55 7615 0300 0006 90 3185
 Commerzbank AG München • BIC/SWIFT-Adresse: COBDE333 • IBAN: DE21 2504 0110 0011 2196 00
 Anfinanzbank AG • BIC/SWIFT-Adresse: RZOCDE33 • IBAN: DE05 2402 0110 0006 6031 40
 Geschäftsbereich: Dr. Merit, Reinhold, Dr. Thomas Sullmann • Eingetragenes Amtsgericht München • HR 51094 • USt-IdNr.: DE 129406284



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Sum carried forward: 475.720,00 CZK

Pos.	Description	Qty.	Unit	Price-unit	Amount	Currency
	<p>1 pc. Main antechamber, d=380 mm, l=900 mm, manual operated doors, ind. sliding tray inside; right side wall manual Evacuation/Refill with ball valve 1 pc. Gas purifier (1-Filter) 1 pc. Rotary vane pump with a rated pumping speed of up to 17 m³/h (10 CFM); ind. oil mist filter and oil return kit 3 pcs. Height adjustable shelves 1 pc. F. conical feedthrough 230V 1 ph 2 pcs. Flanges DN40 for installation of feedthroughs 2 pcs. HHPA H13 dust filter (gas in or f-outlet)</p> <p>System controllable with additional options</p> <p>*Technical note: Dependent upon operating conditions</p>					
1010	<p>1500260 MB-MINI-AG-150-R Mini antechamber Diameter: 80 mm, length 400 mm Type: 1/3 inside, 2/3 outside the box Cover: Ringed cover inside and outside Operation: manual, 3-way valve and sliding tray</p>	1,00	Piece(s)	55.980,00	55.980,00	CZK
1020	<p>1500684 Sensor-Set: H2O and O2 Set-price only in combination with new systems: H2O analyzer MB-MO-SE1: Moisture probe, PLC-controlled, measuring range: 0-500ppm, transducer, 0-10V output, 3m cable included. O2-analyzer MB-OX-SE1: Oxygen probe, PLC-controlled, measuring range: 0-1000ppm, transducer, solid state device, 0-10V output, 3m cable included.</p>	1,00	set(s)	103.000,00	103.000,00	CZK
				Sum carried forward:	515.900,00	CZK

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 Commerzbank AG München • BIC/SWIFT-Adresse: COBADE33 • IBAN: DE21 7004 0041 0011 0196 00
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 Geschäftsführer: Dr. Martin Koppert, Dr. Thomas Büttmann • Eintragung Amtsgericht München: HRB 21084 • USt-IdNr.: DE 129408284



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No. 01482
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Sum carried forward: 815.900,00 CZK

Pos.	Description	Qty.	Unit	Price-unit	Amount	Currency
1030	1500306 M1-RS-200 Box purging system Unit for inerting (purging) of the workspace with Inertgas Operation: via operation panel of the gas purifier Valves PLC-controlled Flow rate: max. 250 l/min; inc. manual regulation Valve for reduction of the gas flow Functions: - Purging ON / OFF	1,00	Piece(s)	28.560,00	28.560,00	CZK
1040	1500326 MB-LMF 2/20 Unit for removal of solvent contaminations from the glovebox atmosphere (LMF) Principle: adsorption Adsorbent: activated charcoal Loading: approx. 5 kg Operation modes: a) Inline: circulation of the atmosphere via the LMF with continuous removal b) Bypass: with manual hand valves the LMF can be removed from the circulation, e.g. during exchange of the adsorbent, without breaking the circulation of the gas purifier MB-LJGP-Solvent Sensor available as an option upon request for Unilab Plus/Pro, Labmaster Pro, MB20/200	1,00	Piece(s)	72.240,00	72.240,00	CZK
1050	1599999 Special Filling: Impregnated Carbon in order to protect from acidous media	1,00	Piece(s)	4.200,00	4.200,00	CZK
1060	1500450 M3-RS-232 Feedthrough RS 232-Connector in flange DN40KF SUB-D 9pin (female plug) Bo: Inside socket (female)	1,00	Piece(s)	5.684,00	5.684,00	CZK
				Sum carried forward:	725.684,00	CZK

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 Geschäftsbereich: Dr. Martin Heßler, Dr. Inessa Sulzberger • Eintragung Amtsgericht München - HR 51684 • USt-IdNr.: DE 28436284



Quotation- AN13-
No.: C1462
Date: 02.05.18
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Sum carried forward: 735.984,00 CZK

Pos.	Description	Qty.	Unit	Price-unit	Amount	Currency
	pressure, etc.) - Information about upcoming maintenance and Service terms (Cleaning H2O Sensor, O ₂ exchange vacuum pump, etc.) - How-To Tutorials for Services (s.g. Changing Gloves, Sensors, Purifier coding, Sensor Cleaning etc.) *** Network Connector required					
	Further Services:					
2000	202 Packing	1,00	Piece(s)	11.750,00	11.750,00	CZK
2010	201 Freight	1,00	Piece(s)	15.800,00	15.800,00	CZK
2020	211 Installation by M. Braun Flat-rate payment for set-up and commissioning Instruction of the user in operation and maintenance of M. Braun systems. ***** All media supplies must be completely prepared by the customer prior to the installation.	1,00	Piece(s)	57.200,00	57.200,00	CZK
3000	1590005 Special Conditions				-22.944,00	CZK
				Total:	798.800,00	CZK

Shipping Method: DAP see Delivery Address Incoterms 2010
Shipping Agent: SFEDITION
Payment-Terms: 30 days net

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Geschäftsbereich: Dr. Manfred Reinell, Dr. Tobias Bullmann • Eingetragung Amtsgericht München: HRB 51384 • USt-IdNr.: DE125406261



Quotation- AN15-
No : 01422
Date: 03.05.16
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We would like to make you aware that according to the Council Regulation (EC) No. 428/2009, Article 22 (10) our products can be dual-use items and are subjected to controls if exported from the European Community.

Validation of quotation: 00 days after date of issue

Transport insurance: to be covered by buyer

Delivery time: approx. 10-12 weeks after date of order and clarification of all commercial and technical details respectively final approval of the technical engineering drawings by the buyer

Warranty:
The warranty period shall be 36 months from the date of acceptance.

Wear and tear parts, such as filters, adsorber material, gloves, etc., are excluded from any warranty.

Customized integrations and third-party products, such as vacuum pump, balances, spinrotators, hotplates, dispensers, are subject of the warranty conditions of the original supplier


Further information about warranty for download, please see:
www.m-braun.de / www.mbraun.com

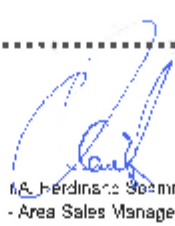
Export of gloveboxes:
Please note that we generally need an export licence for the export of our gloveboxes. To export any glovebox system outside the EEC an export license issued by the responsible export authorities is required. For export from Germany, the German Federal Office of Economics and Export Control is responsible. In order to obtain an export licence we need an end-user certificate from the final user of the system.

For further information, please see:
www.bafa.de

For delivery and sales of M. Braun products, our general terms and conditions of delivery and sales are effective.
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With best regards
M. Braun Inertgas-Systeme GmbH


ppa. Daniel Kaczkowski
Director Sales & Service -


M.A. Ferdinand Schmitt
- Area Sales Manager -



3.5.2016

3.5.2016

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