

Purchase Contract

(hereafter the “Contract”)

1. CONTRACTUAL PARTIES

1.1 Fyzikální ústav AV ČR, v. v. i.,

with seat: Na Slovance 1999/2, 182 21 Praha 8,
represented by: RNDr. Michael Prouza, Ph.D., Director,
Registered in the Register of public research institutions of the Ministry of Education, Youth and Sports
of the Czech Republic.

Bank: [REDACTED]

Account No. IBAN: [REDACTED]

ID No.: 68378271

Tax ID No.: CZ68378271

(hereinafter the “Buyer”)

and

1.2 JP Kummer Semiconductor Technology GmbH,

with seat: Steinerne Furt 78, 86167 Augsburg, Germany,
represented by: Anna-Maria Schwarz, Nicolas Schwarz,
registered in Augsburg, HRB, 34683.

Bank: [REDACTED]

Account No.: [REDACTED]

Tax ID No.: DE815866740

(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 (the **Vibrating magnetometer with an electromagnet**) in order to measure magnetic materials in a wide range of temperatures 100-1273K in the mode of rapid field change and angular dependence and measurement of other magnetic characteristics. The equipment must allow the measurement of large volume samples.
- 2.3 The Seller was selected as the winner of a public procurement procedure announced by the Buyer in accordance with Act No. 134/2016 Coll., on Public Procurement, as amended (hereinafter the “**Act**”), for the public contract called “**Vibrating magnetometer with an electromagnet**” (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 **Annex No. 2** to this Contract and is 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 he 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 him 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 Procurement Procedure as the confirmation of the fact that the Seller is capable 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 his qualities as the expert or his 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 invoicing), is essential for the Buyer. If the Seller fails to meet contractual requirements, it may incur damage of the Buyer.
- 2.9 The 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.

- 2.10 The Seller undertakes to ensure compliance with all labor law regulations (remuneration, working hours, rest periods between shifts, paid overtime) for the entire duration of the Contract, as well as regulations concerning employment and safety and health protection at work, valid in the country of its registered office or place of business, for all persons who participate in the performance of the Contract.
- 2.11 The Seller undertakes to ensure compliance with all environmental law, which meets the environmental policy objectives related to climate change, resource use and sustainable consumption and production, valid in the country of its registered office or place of business for the entire duration of the Contract. The Seller must therefore take all measures that can reasonably be required of him to protect the environment and limit the damage caused by pollution, noise and other activities, and must ensure that emissions, soil pollution and waste water from his activities do not exceed the values laid down in the relevant legislation.
- 2.12 The Seller undertakes, within the framework of its internal processes, to support a corporate culture based on the motivation of employees to introduce innovative elements, processes or technologies for the entire duration of the Contract.

3. SUBJECT-MATTER OF THE CONTRACT

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

the **Vibrating magnetometer with an electromagnet** (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 prepared installation infrastructure at the site;
- 3.2.3 Execution of the acceptance tests;
- 3.2.4 Delivery of instructions and operating and repair manuals to the Equipment in Czech or English language to the Buyer, in electronic and hardcopy (printed) versions;
- 3.2.5 Training of operators at the site (at least two-day training of 2 operators);
- 3.2.6 Free-of-charge warranty service including service inspections;
- 3.2.7 Provision of free technical support in the form of consultations.



- 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 stricter standard or its part shall always apply.
- 3.5 The delivered Equipment and all its parts and accessories must be brand new and unused.

4. PERFORMANCE PERIOD

- 4.1 The Seller undertakes to manufacture, deliver, install and handover the Equipment to the Buyer within 3 months of the conclusion of this Contract.
- 4.2 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 or due to the circumstances demonstrably related to the Covid-19 epidemic.

5. PURCHASE PRICE, INVOICING, PAYMENTS

- 5.1 The purchase price is based on the Seller's submitted bid and amounts to 202.000,- USD (in words: two-hundred-and-two-thousand US Dollars) 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 and its protection.
- 5.3 The Parties agreed that the Price shall be invoiced after the handover protocol in accordance with Section 9.4 will have been signed. In case the Equipment will be delivered with minor defects and / or unfinished work, the Price shall be invoiced after removal of these minor defects and / or unfinished work.
- 5.4 The invoice issued by the Seller as a tax document must contain all information required by the applicable laws of the Czech Republic. Invoices issued by the Seller in accordance with this Contract shall contain in particular following information:
- 5.4.1 name and registered office of the Buyer,
 - 5.4.2 tax identification number of the Buyer,
 - 5.4.3 name and registered office of the Seller,
 - 5.4.4 tax identification number of the Seller,
 - 5.4.5 registration number of the tax document,
 - 5.4.6 scope of the performance (including the reference to this Contract),



- 5.4.7 the date of the issue of the tax document,
- 5.4.8 the date of the fulfilment of the Contract,
- 5.4.9 purchase Price,
- 5.4.10 registration number of this Contract, which the Buyer shall communicate to the Seller based on Seller's request before the issuance of the invoice,

and must comply with the double taxation agreements, if applicable.

- 5.5 The Buyer prefers electronic invoicing, with the invoices being delivered to efaktury@fzu.cz.
- 5.6 Invoices shall be payable within thirty (30) days of the date of their delivery to the Buyer. 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 any of his payments against any receivables claimed by the Seller due to:
 - 5.8.1 damages caused by the Seller,
 - 5.8.2 contractual penalties.
- 5.9 The Seller shall not be entitled to set off any of his 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 OF THE EQUIPMENT

- 7.1 The place of delivery and handover of the Equipment shall be the Fyzikální ústav AV ČR, v. v. i. (Institute of Physics AS CR), at Na Slovance 1999/2, 18200 Prague, Czech Republic, New pavilion.

8. COOPERATION OF THE PARTIES

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



8.2 The Buyer shall be entitled to receive information on the progress with the Equipment manufacture.

9. DELIVERY, INSTALLATION, HANDOVER AND ACCEPTANCE

9.1 The Seller shall transport the Equipment at his 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 tests 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. 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 executed acceptance tests: type of test, duration, achieved parameters,

9.4.4 List of technical documentation including the manuals,

9.4.5 Confirmation on training, its participants and extent,

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 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 his refusal to accept the Equipment.

9.7 Should the Buyer not exercise his 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 14 days from the handover of the Equipment.

10. TECHNICAL ASSISTANCE – CONSULTATIONS



10.1 The Seller shall be obliged to provide to the Buyer free-of-charge technical assistance by phone or e-mail relating to the subject-matter hereof during the entire term of the warranty period. The Seller undertakes to provide to the Buyer paid consultations and technical assistance relating to the subject-matter 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:

[REDACTED]
e-mail: [REDACTED]
tel. [REDACTED]

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

[REDACTED]
e-mail: [REDACTED]
tel. [REDACTED]

11.3 The above-mentioned representatives may be changed by unilateral written declaration of one Party delivered to the other Party.

11.4 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 [REDACTED] in case of the Seller.

11.5 In all technical and expert matters (discussions on the Equipment testing and demonstration, notification of the need to provide warranty or post-warranty service, technical assistance 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 the Seller in any of the following events:

12.2.1 The Seller is in delay with the handover longer than 4 weeks after the date 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 acceptance.

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



12.2.4 The Seller was convicted of a misdemeanor or other serious infringement in the field of labor law and regulations concerning employment and health and safety at work within the proceedings initiated by a public authority.

12.2.5 The Seller was convicted of a misdemeanor or other serious infringement in the field of environmental law within the proceedings initiated by a public authority.

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 his part under this Contract.

14. WARRANTY TERMS

14.1 The Seller shall provide warranty for the quality of the Equipment for a period of 12 months. The warranty term shall commence on the day following the date of signing of the Handover Protocol pursuant to Section 9.4 hereof. In case the Buyer accepted the Equipment with defects or unfinished work the warranty term shall commence on the day following the date of removal of the defects or unfinished work. The warranty does not cover consumable things.

14.2 Should the Buyer discover a defect, he shall notify the Seller to rectify such defect using the email address [REDACTED]. The Seller is obliged to notify the Buyer without delay about any change of this email address. The Seller shall be obliged to review any warranty claim within 7 business days from receipt and to propose solution, unless agreed otherwise by the Parties.

14.3 During the warranty period the Seller shall be obliged to rectify any claimed defects within 14 business 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.

14.4 During the warranty period any and all costs associated with defect rectification / repair including transport and travel expenses shall be always borne by the Seller.

14.5 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.



- 14.6 The repaired portion of the Equipment shall be subject to a new warranty for a period of 3 months, which commences to run on the day following the date when the Repair Protocol was confirmed by the Buyer.
- 14.7 The Seller declares that he shall ensure post-warranty [out-of-warranty] service for the period of 10 years after the warranty term expires; the service terms shall be identical with provisions of Sections 14.2 and 14.3.
- 14.8 The Seller undertakes to provide the Buyer with updates of the software controlling the Equipment for the entire term of warranty service.

15. CONTRACTUAL PENALTIES

- 15.1 The Buyer shall be entitled to claim a contractual penalty against the Seller in the amount of 0,1 % of the Price for each commenced day of delay with the delivery pursuant to Section 4.1 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 defects claimed within the warranty period.
- 15.3 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 in the amount of 0.05 % of the owed amount for each commenced day of delay with the payment.
- 15.4 All contractual penalties shall be payable within 30 days from the date claimed.
- 15.5 Payment of the contractual penalty does not prejudice the rights of the Parties to claim damages.
- 15.6 Payment of the contractual penalty cannot be demanded if the breach of the contractual obligation causes force majeure. Circumstances related to the Covid-19 epidemic shall be considered as force majeure cases despite the fact the epidemic is already underway at the date of this Contract.

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 Act No. 89/2012 Coll., the Civil Code, as amended.
- 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 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 modifications to the Contract in any other manner.
- 17.4 The Parties expressly agree that the Contract as a whole, including all attachments and data on the Parties, subject-matter of the Contract, numerical designation of this Contract, the Price and the date of the Contract conclusion, will be published in accordance with Act No. 340/2015 Coll. on special conditions for the effectiveness of some contracts, publication of these contracts and Contract Register, as amended (hereinafter the “**CRA**”). The Parties hereby declare that all information contained in the Contract and its Annexes are not considered trade secrets under § 504 of the Civil Code and grant permission for their use and disclosure without setting any additional conditions.
- 17.5 The Parties agree that the Buyer shall ensure the publication of the Contract in the Contract Register in accordance with CRA.
- 17.6 This Contract becomes effective as of the day of its publication in the Contract Register.
- 17.7 The following Annexes form an integral part of the Contract:
- Annex No. 1: Technical specification on the subject of performance
- Annex No. 2: Technical description of the device as presented in Seller’s bid
- 17.8 The Parties, manifesting their consent with the entire contents of this Contract, attach their signature hereunder.

In Prague on:

In Augsburg on:

For the Buyer:

For the Seller:

RNDr. Michael Prouza, Ph.D.
Director

Anna-Maria Schwarz
General Manager



Annex No. 1 - Technical specification on the Equipment as defined by the Buyer

Tab. 1 - technical conditions

Description and minimum specification of the Equipment as defined by the Buyer	Description and specification of the Equipment offered by the Seller	Complies YES/NO
The Equipment should fulfill the following minimum requirements and components:		
Max. magnetic field at least 2 T with single stage temperature option	EZ7 model offers 2.03T in single-stage temperature option (77K + 100-1.000K).	YES
High resolution in magnetic field (minimum field step) min. 1 A/m,	20nT @10mT range.	YES
Max. ramp rate of field at least 0.2 T/s	1,25 T/s with Sweep option.	
Automatic sample rotation - range at least 400 degs	+540°	YES
Acquisition rate of at least 10 processed(averaged) points/s	5000 pt/s with Sweep option	YES
Magnetic moment measurement stability 0.1% of full scale	0.05% RMS of full scale + noise at constant temperature.	YES
Single stage temperature option (SSTO) covers the range of 100 to 600 K, delivered and installed with all necessary additions together with the VSM, gas cylinders excluded	77K fix, plus 100-1.000K. No VAC pump required !	YES
High temperature option max temperature at least 1250 K	300K-1.300K with High-Temp option.	YES
Single stage temperature option must be able accommodate samples that are 5 mm in diameter	Available sample space max. 10mm diameter.	YES
Noise floor max. 20 nemu RMS, peak to peak 100 nemu, with temperature stage max. 1 microemu	Noise 20nemu RMS, 80-110nemu peak-to-peak, 600nemu using single-stage temperature option.	YES
Temperature stability 0.1K	0.1K RMS	YES
Field stability 1% of the field value	< 0.05% RMS of scale	YES
Software allowing easy and direct measurement of hysteresis loop, minor loop FORC and thermomagnetic curves in single stage	Included in std. software	YES
Software allowing for a custom measurement cycles with full control of the variable parameters	Included in std. software	YES



Tab. 2 – The evaluated parameters according to the partial evaluation criteria:

Evaluation criterion	Value
Vector Option (YES / NO)	YES, option included
High resolution in magnetic field (minimum field step) in A/m, min. 1A/m	20nT
Maximum ramp rate of magnetic field (in T/s, at least 0.2 T/s)	1,25T/s
Measurement sensitivity (in nemu RMS)	20nemu RMS
Max. magnitude of magnetic field (in T, at least 2 T with single stage temperature option)	2,76T 2,03T with SSTO option
Sample space (in mm)	40mm
Fast measurement and data collection (in pt/s)	5000 pt/s
Available options for future extensions (YES / NO)	YES, a lot
Time of delivery (in months, max 6 months)	3
Training of operators at the site (at least two-day training of 2 operators) (YES / NO)	YES



Annex No. 2

The Seller's bid in the extent it describes technical parameters of the Equipment

It.	System Item	Description	Price USD net
1	<p>KLA MicroSense VSM EZ7</p> <p>Specification according provided data sheet.</p>	<p>EZ7 VSM (2.6T) including Automatic Sample Rotation Including all options needed to automatically control the system. Includes:</p> <ul style="list-style-type: none"> • Electromagnet with vibrator and Pickup coils. • Electronics cabinet including <ul style="list-style-type: none"> o air cooled magnet power supply o Vibrator controller o Gaussmeter o Real time field control system with ultra-low-noise field control o Signal processor • One full set of sample holders • 5 and 8mm bottom mount (q=4 each) • 5 and 8 mm side mount (q=4 each) • Powder cups for high temperature (q=2) • Powder/liquid cups for room temperature and lower (q = 10) • 2 high purity Nickel Standards: 6 mm (q=1) 8mm (q=1) • Gaussmeter calibration standards • A set of tools • A full set of replacement fuses. Sample mounting transfer tape (2 rolls) • Touch screen computer system including required interfaces. <p>Does not require a water chiller for std. measurements. A chiller is required only for extended use of high range magnetic fields and long measurement times – see option below.</p>	
2	EZ1-Swp	<p>Sweeping Field Option Includes high speed data acquisition system for taking up to 5000 data points per second for fast measurements while the magnetic field is sweeping. Such a rate would create a massive amount of data, therefore a rate of 50-100pt/s is more practical. This is especially useful for higher signal samples or samples with relatively low coercivities. When used in combination with the vector coils, the EZ1-VSC-DSP is required. For lower signal samples, the noise level is significantly reduced if this option is used in combination with the HF option.</p>	
3	EZ1-HF	<p>High Field option Increases the maximum field by approximately 4% and reduces the noise during sweeping field measurements.</p>	
4	EZ1-LNA	<p>Temperature Option Temperature range: LNA (77K) & 100K to 1.000K Includes</p> <ul style="list-style-type: none"> • Temperature chamber with 10 mm ID • Temperature control electronics • 25 Liter Dewar for liquid Nitrogen + rolling base • Accessories 	
5	EZ1-HT	<p>High Temperature Oven Temperature range: 300K-1300K Includes</p> <ul style="list-style-type: none"> • Temperature chamber with 8 mm ID • Oven power booster <p>Requires temperature controller (included in EZ1-LNA above). If EZ1-LNA is not ordered, the price increases by \$11,900. Does not require a vacuum pump.</p>	

It.	System Item	Description	Price USD net
6	EZ1-VSC-DSP	<p>Vector option Incl. second DSP for simultaneous data collections of X and Y signals.</p> <p>This option enables measurements of the magnetic properties in two axes simultaneously. Compared to the EZ1-VSC option, this system adds a 2nd signal processor instead of the coil switching pre-amplifier. Having a 2nd signal processor instead of a coil switching pre-amplifier allows for simultaneous data collections of X and Y signals, significantly speeding up the measurements especially when signal averaging is required.</p>	
7	Shipment	Crating, packaging and shipment DDP Receiving Dock FZU, Prag, CZR.	
8	Installation & Training	Max. 3 days on-site.	
	SUM Configuration to fulfill tender specification.	Item 1 – 8. No cooler included.	202.000
	Optional water chiller	Required only for extended use of of high range magnetic fields.	5.000
		Tool Specification according data sheet and tool description.	
	Conditions:	DDP Receiving Dock FZU, Prag, CZR. Payment terms acc. contract. Warranty: 24 months + 12 months labor	
	Leadtime:	3 months after closing of contract.	