

PURCHASE AGREEMENT

(the "Agreement")

*entered into pursuant to the provisions of Section 409 et seq. of Act No. 513/1991 Coll.,
Civil Code, as subsequently amended*

I.

Contracting Parties

1.1. Purchaser: University of West Bohemia in Pilsen

Registered office: Univerzitní 8, 306 14 Pilsen
Represented by: Doc. PaedDr. Ilona Mauritzová, Ph.D., Chancellor
Bank information: Komerční banka a.s., Plzeň-město
Account number: 4811530257/0100
Registration no.: 49777513
Tax (VAT) number: CZ49777513
(the "Purchaser");

and

1.2. Seller: Alicona Imaging GmbH

Registered office: Dr.-Auner-Straße 21a, 8074 Raaba, Austria
Acting through: Dr. Manfred Prantl
Bank information: BKS Bank AG
Kaiserfeldgasse 15
8010 Graz, Austria
Account number: 180-059989
Registration no.: FN 208097a
Tax (VAT) number: ATU51673005
Registered in the Commercial Register maintained by the "Landesgericht
für ZRS Graz", section "Firmenbuch", file "Eintragungsnummer 14"
(the "Seller")

(collectively also the "Contracting Parties")

based on the results of a tendering procedure to perform a public contract entitled
"**Optical measuring equipment**" hereby enter into an agreement with the following
wording:

II.

Subject Matter of the Agreement

- 2.1. In the scope and under the terms set out in this Agreement, the Seller undertakes to supply to the Purchaser a new, fully functional and complete optical measuring instrument to measure and evaluate the condition of a surface, including the appropriate and adequate software for at least one computer which is also included in the supply, an operating system and a licence for the software and accessories (the "**goods**"), and transfer the title to these goods to the Purchaser. The precise specifications of the goods is provided in **Annex No. 1** to this Agreement, which forms an integral part of the Agreement.
- 2.2. The Seller's commitment to supply goods to the Seller also includes transportation of the goods to the place of performance under Art. III of this Agreement (including any transportation insurance of the goods), installation and commissioning of the goods and the obligation to demonstrate to the Purchaser all the required functions and parameters of the goods defined in Annex No. 1 to this Agreement. If the Seller does not properly demonstrate all the required functions and parameters of the goods defined in Annex No. 1, the Purchaser is entitled to not take delivery of the goods.
- 2.3. At the place of performance and in the period stated in item 3.2., the Seller is also obliged to provide training to the members operating the goods at the place of performance. This training encompasses eight (8) hours for each member of the operating team for three (3) members operating the goods. The contents of the training will be mastering the operation of the goods, all parts of the supply of goods and the full software.
- 2.4. The Purchaser undertakes to take receipt of and pay the Purchaser the agreed purchase price for the goods delivered by the Seller under the conditions set out in item 2.2. and 2.3. of this Agreement, and shall do so in the banner and date set out in this Agreement.

III.

Term and place of performance, use of software

- 3.1. The Seller undertakes that it will supply the goods to the Purchaser and meet its obligations under items 2.1. and 2.2. of this Agreement **no later than within eighteen (18) weeks of entering into this Agreement**. If the Seller is delayed meeting its obligations stated in the previous sentence, the Purchaser is entitled to demand the Seller pay a contractual penalty amounting to 0.25% of the total purchase price for each full and commenced day of delay. This does not impact the Purchaser's right to damages.
- 3.2. The Seller is obliged to provide training to the Purchaser's members operating the goods under item 2.3 no more than within two (2) weeks of delivering the goods.
- 3.3. The handover certificate will be drawn up after the goods are properly handed over and commissioned and the obligations stated in points 2.1., 2.2. and 2.3. of this Agreement have been duly met. The handover certificate will be drawn up by both Contracting Parties.
- 3.4. The place of performance is located at the address of the University of West Bohemia in Pilsen, Univerzitní 22, Pilsen, and, if suitable or necessary, also at another location as instructed by the Purchaser.
- 3.5. Based on this Agreement, from the date the goods are handed over the Seller commits to provide the Purchaser with the right to use the software for the computer which will cover the proper and adequate use of the goods. The right to use the software, the licence, is provided as unlimited by time or geographical location, the price is included in the purchase price of the goods, is transferable

with the right to the sublicense and is transferable without the consent of the Seller. The Purchaser is not obliged to use the license.

- 3.6. The Seller hereby declares that it is authorised to provide the licence to the Purchaser without any restrictions from third parties. The software in question is not encumbered by any third-party rights pursuant to Act No. 121/2000 Coll., on Copyright, as subsequently amended, or other regulations. The Seller agrees and is aware that if anyone restricts the Purchaser's rights in connection with the licence provided and prevents it from duly exercising its rights, the Seller is obliged to prevent such action at its own cost and pay damages to the Purchaser.
- 3.7. If the declaration made by the Seller in item 3.6. proves to be untrue or if the licence will be, contrary to the Seller's declaration, invalid or provided in an insufficient extent, the Purchaser is entitled to demand the Seller pay a contractual penalty of CZK 100.000,-- This does not impact the Purchaser's right to damages. In such case, the Purchaser is also entitled to invite the Seller to subsequently supply the licence in the necessary extent. If this obligation is not met by the Seller within 30 calendar days of the Seller's receipt of the invitation, the Purchaser has the right to rescind the Agreement.

IV.

Price and terms of payment

- 4.1. The purchase price of the goods is determined by agreement of the Contracting Parties and results from the Seller's price bid calculated in the tendering procedure for the object of the Agreement.
- 4.2. The Purchaser undertakes to pay the Seller for the supply of goods the agreed **purchase price in the amount of CZK [2.719.563,00] not inclusive of VAT** (words: [two-million seven-hundred-nineteen-thousand five-hundred-sixty-three] Czech crowns),
VAT totals [0]%, VAT totals CZK [0] (words: [zero] Czech crowns),
the purchase price inclusive of VAT totals CZK [2.719.563,00] (words: [two-million seven-hundred-nineteen-thousand five-hundred-sixty-three] Czech crowns).
- 4.3. The purchase price is agreed to be the highest allowable price and includes all fees and all additional costs associated with delivering the goods under this Agreement. The price includes transportation, including any insurance, installation, commissioning of the goods, transfer of the goods, demonstrating all the required functions and parameters of the goods defined in Annex No. 1 to this Agreement, and training the Purchaser's members operating the goods in the extent agreed in items 2.3. and 3.2. of this Agreement. The purchase price also includes costs for administrative fees, taxes, duties, approval procedures, carrying out required testing, obtaining a declaration of conformity, certificates and certifications, transferring rights, insurance, transportation costs, etc.
- 4.4. The Purchaser does not provide a deposit towards payment of the purchase price.
- 4.5. The purchase price may be exceeded only in connection with changes to the tax code relating to VAT.
- 4.6. The purchase price will be paid by the Purchaser in Czech crowns based on a tax document – invoice. The purchase price for the supply of goods under this agreement will be invoiced by the Seller within 20 days from the date training is provided according to items 2.3 and 3.2 of this Agreement. A written record of the provision of training will be made by both Contracting Parties.
- 4.7. Copies of the Handover Certificate signed by both Contracting Parties and the record of the provision of training must be attached to the invoice.

- 4.8. The tax document – invoice must contain all of the particulars for a proper accounting and tax document pursuant to the relevant regulations, including but not limited to Act No. 235/2004 Coll., on Value Added Tax, as subsequently amended. If the invoice will not have the appropriate particulars, the Purchaser is entitled to return it within the payment period to the Seller to be completed without being in arrears. The payment period starts to elapse again from the date the duly completed or corrected invoice is delivered to the Purchaser.
- 4.9. The invoice is payable in 30 days from the date it is demonstrably delivered to the Purchaser.
- 4.10. If the Purchaser is in arrears paying the invoice, the Seller is entitled to charge the Purchaser interest for delayed payment amounting to 0.05% of the amount due for each full and commenced day of delay paying the invoice.
- 4.11. The Purchaser is entitled to offset any contractual penalty that the Seller is obliged to pay against the amount invoiced.

V.

Rights and Obligations of the Contracting Parties

- 5.1. The Seller is obliged to deliver the goods in the agreed quantity, quality and design. All goods supplied by the Seller to the Purchaser in respect to this Agreement must meet the qualitative requirements in this Agreement.
- 5.2. The Seller is obliged to deliver to the Purchaser goods which are defect-free and in accordance with the terms set out in this Agreement. The earliest the handover certificate may be signed is at the moment when the delivery of goods by the Seller is fully completed, including related performance and services agreed to in this Agreement. If the goods show any defects, the Purchaser is entitled to refuse to take delivery of the goods.
- 5.3. The Seller is obliged to deliver to the Purchaser complete technical and other documents necessary for the use of the goods together with the goods, including operating instructions in Czech or English in both written and electronic form.
- 5.4. The Purchaser receives the title to the goods on the date the goods are duly handed over and received from the Seller based on the signature of the handover certificate. At the same moment, the risk of damage to the object is carried over to the Purchaser.
- 5.5. The Seller is obliged to immediately inform the Purchaser of any impediment to the term of performance and of all facts which may render delivery of the goods impossible.
- 5.6. For the entire duration of the Agreement, the Seller is obliged to have the qualifications it proved to have in the tendering procedure which preceded this Agreement. If this provision is breached, the Purchaser has the right to rescind the Agreement.
- 5.7. The Seller is not entitled to cede any rights or obligations from this Agreement to a third party without the Purchaser's previous written consent.
- 5.8. The Seller agrees that it may not undertake unilateral legal action to cede or offset any of its claims held against the Purchaser which arise based on this Agreement.
- 5.9. The Seller is accountable to the Purchaser for damage caused by breaching the obligations under this Agreement or obligations set out in a generally binding regulation.

5.10. The Contracting Parties have agreed and the Seller has designated that the person entitled to act on behalf of the Seller in matters relating to this Agreement and the implementation thereof is:

Name: Hannes Geidl-Strallhofer
email: hannes.geidl-strallhofer@alicona.com
Tel: +43 (676) 83044775

The Seller recognises that notifications regarding the need to perform warranty service under item 6.2. of this Agreement will be directed to this contact person. If this person changes, the Purchaser must be immediately informed in writing. The change is effective upon delivery of this written notification to the Purchaser.

5.11. The Contracting Parties have agreed and the Purchaser has designated that the person entitled to act on behalf of the Purchaser in matters relating to this Agreement and the implementation thereof are:

Name: Ing. Jan Matějka
Email: jmatejka@kto.zcu.cz
Tel: +420 377 632 203, +420 774 581 721

5.12. All correspondence, instructions, notifications, requests, records and other documents created based on or associated with this Agreement between the Contracting Parties will be formulated in writing in Czech or English and will be delivered wither in person or via registered mail, fax or email to the attention of and the delivery address of the authorised persons under this Agreement.

5.13. The Seller is not authorised to change the subcontractor it listed in its bid in the public contract that preceded this Agreement without the Purchaser's prior consent. The Purchaser commits to provide its statement to the Seller within ten calendar days from the date the Seller's request is delivered. Together with the request, the Seller is obliged to also deliver to the Purchaser (i) a description of the proposed subcontractor's activities and (ii) documents proving the proposed subcontractor's qualifications corresponding to the activities of the proposed subcontractor. The Purchaser is entitled to refuse to grant consent if the proposed new subcontractor does not have the necessary qualifications to perform the activity designated by the Seller. Breach of the obligation to obtain the Purchaser's consent to change the subcontractor represents a significant violation of this Agreement.

5.14. If the subcontractor does not meet (no longer meets) the basic qualification criteria under the applicable public procurement act or no longer has sufficient professional qualifications to perform a designated part of the subject matter of the Agreement, the Purchaser is entitled to demand the Seller immediately change the subcontractor. The Seller is obliged to comply with this demand within twenty (20) days of receiving the Purchaser's written demand. If the Seller does not end the unsuitable subcontractor's activity in performing the subject matter of the Agreement within a period of twenty (20) days from the date of delivery of the Purchaser's written demand and if another adequate subcontractor will not be approved, the Purchaser is entitled to rescind the contract due to a significant violation of the Agreement.

5.15. By entering into the Agreement, the Seller is aware that its subcontractor is not authorised to entrust the implementation of part of the public contract which it has been designated to perform under this Agreement to another subject, and the Seller must contractually oblige the subcontractor to this.

5.16. The Seller is obliged to uphold all obligations contained in its bid for the public contract that preceded this Agreement. The Seller is aware and agrees that this Agreement will be published on the Purchaser's profile pursuant to the provisions

in Section 147a of the Public Procurement Act. Likewise, the amount of the truly paid price for performing the subject matter of this Agreement will be published. These will be published by the deadlines and in the manners stated in the provisions of Section 147a of the Public Procurement Act.

- 5.17.** The Seller undertakes that it will submit to the Purchaser a list of subcontractors taking part in performing this Agreement, whom the Seller has paid more than 10% of the total purchase price under this Agreement or the amount of the price of performing the subject matter of this Agreement paid by the Purchaser in one calendar year if the performance of this Agreement exceeds one year. The Seller is obliged to submit this list to the Purchaser within 60 days of the date this Agreement is performed or by 28 February of the following calendar year if the performance of the Agreement exceeds one year. If the Seller's subcontractor has the form of a public company or joint-stock company, the Seller is also required to submit a list of shareholders who own shares with a total face value exceeding 10% of the registered capital; the list will be drawn up within 90 days before the date the list of subcontractors under this item of the Agreement is submitted. The Seller is aware and agrees that the Purchaser will publish the information under this item of the Agreement on its profile. If the Seller breaches any obligation resulting from this item of the Agreement, it is obliged to pay the Purchaser a contractual penalty of CZK 12.000,-- for each breach of the obligations provided. This does not impact the Purchaser's right to full payment of damages. The Seller is obliged to pay the contractual penalty within 14 days from the date the bill from the Purchaser is delivered.

VI.

Warranty on goods

- 6.1.** The Seller assumes the warranty for the quality of the goods for a period of twelve (12) months. The warranty period starts to elapse on the date the goods are delivered to the Purchaser, i.e. the date the handover certificate is signed.
- 6.2.** The Purchaser is obliged to report warranty defects to the Seller immediately after they are found. The Seller performs warranty repairs free of charge and without delay with regard to the type of defect to the goods, but within no more than 21 calendar days unless agreed to otherwise in writing or unless a situation described in item 6.7. of this Agreement occurs. If the stated (or otherwise agreed) deadlines for performing warranty repairs are not met, the Purchaser is entitled to demand the Seller pay a contractual penalty amounting to 0.1% of the total contract price for each full and commenced day the fulfilment of this obligation is delayed. This does not impact the Purchaser's right to receive damages in full. The total amount of the contractual penalty is not limited.
- 6.3.** The Seller is obliged to remove claimed defects or satisfy the Purchaser's claim stemming from defective performance in the warranty period by starting to remove the defect within no more than 48 hours of the Purchaser reporting the defect to the Seller by phone or in writing. In this connection, the Seller recognises that it may start to remove the defect on working days in the period from 8:00 a.m. till 4:00 p.m. Starting to perform servicing is understood to mean the arrival of the Seller's authorised representative at the Purchaser's registered office to remove the reported defect to the supplied goods. If the end of the period to start removing defects listed above occurs at a time outside the interval stated above and unless the Contracting Parties agree otherwise, the Seller is obliged to start removing the reported defect at the closest possible time. If the defect appears while the warranty period is running, the warranty period is extended by the period from the Purchaser's report of the defect to the Seller till the removal of the defect by the Seller.
- 6.4.** If the Seller is delayed starting to remove the defects reported by the Purchaser under article 6.3. of this Agreement, the Seller undertakes to pay the Purchaser a contractual penalty amounting to 0.1% of the total contract price for each full and

commenced day of delay. This does not impact the Purchaser's right to damages. The total amount of the contractual penalty is not limited.

- 6.5. Warranty claims may be made up until the last day of the warranty period. Claims sent on the last day of the warranty period are considered to be made in time.
- 6.6. The warranty does not apply for defects caused by the Purchaser's unprofessional handling or mechanical damage to the instrument or for regular wear and tear of the goods or parts thereof.
- 6.7. For the purposes of removing the claimed defects, the Seller undertakes to provide servicing for the supplied goods in the Czech Republic at least for the entire duration of the warranty period. If it is necessary to send the instrument to the producer to remove the defects, the Seller is obliged to comply with a deadline of no more than 90 days (one day is considered 24 consecutive hours) to repair the instrument, calculated from the Purchaser's written or telephone report of the defect to the purchaser, unless agreed to otherwise in writing.
- 6.8. If the stated (or otherwise agreed) deadlines in article 6.7 are not met, the Purchaser is entitled to demand the Seller pay a contractual penalty amounting to 0.2% of the total purchase price for each full and commenced day the fulfilment of this obligation is delayed. This does not impact the Purchaser's right to receive damages in full. The total amount of the contractual penalty is not limited.

VII.

Force and effectiveness of the Agreement

- 7.1. This agreement enters into force and becomes effective on the date it is signed by the authorised representatives of both Contracting Parties.
- 7.2. The Agreement may be rescinded only for the reasons set out in the Agreement or by law.
- 7.3. The Contracting Party affected by a breach of obligations may unilaterally rescind the Agreement due to a significant violation of this Agreement. Especially the following are considered significant violations of this Agreement:
 - a) By the Purchaser, non-payment of the purchase price under this Agreement in a period exceeding 60 days past the invoice due date
 - b) By the Seller, if even a part of the goods will not be duly delivered by the agreed deadline
 - c) By the Seller, if the goods will not have the properties declared by the Seller in this Agreement
 - d) By the Seller, if the Seller is delayed starting to remove defects pursuant to article 6.3. of this Agreement for a period exceeding 48 hours
 - e) By the Seller, if it stated information or provided documents that do not correspond to reality in its bid in the public contract preceding this Agreement and these had or could have had an impact on the result of the tendering procedure
- 7.4. All of the Contracting Parties' obligations resulting from the agreement cease when the agreement ceases to be in effect. The cessation of the effect or termination of the Agreement does not terminate rights to receive damages and payment for contractual payments agreed to if contractual obligations are breached before the cessation of the effect of the Agreement, and for those obligations of the Contracting Parties which, according to the Agreement or given their nature, should continue to exist or which are designated by law.

VIII.

Closing Provisions

- 8.1. Relations between the parties are governed by Czech law. For matters not explicitly treated in the Agreement, the legal relationships arising and resulting from these are governed by the corresponding provisions of Act No. 513/1991 Coll., Commercial Code, and other generally binding regulations.
- 8.2. All changes and additions to the Agreement may be made solely based on a written agreement between the Contracting Parties with respect to the provisions of Section 82 (7) of the Public Procurement Act. Such agreements must take the form of annexes to the Agreement which are dated, numbered and signed by both Contracting Parties.
- 8.3. If facts preventing the due performance of this Agreement arise for either of the parties, the party is obliged to immediately notify the other party without undue delay and call a meeting of the representatives of the Purchaser and Seller.
- 8.4. If a reason for non-validity relates just to some provision in the Agreement, only that provision is invalid unless its nature, content or circumstances under which it was agreed suggests it may be separated out from the other content of the Agreement.
- 8.5. The Contracting Parties will always strive to settle any disputes arising from the Agreement amicably. Any disputes arising from this Agreement will be resolved in accordance with the valid legislation of the authorities of the Czech Republic with material and territorial jurisdiction. Pursuant to the provisions of Section 89a of Act No. 99/1963 Coll., Civil Procedure Code, the Contracting Parties agree that for disputes arising from or associated with this Agreement, the District Court for Pilsen – City and, if need be, the Regional Court in Pilsen have territorial jurisdiction.
- 8.6. The Agreement is executed in four (4) duplicates, with each having the force of an original. The Contracting Parties each receive two (2) counterparts.
- 8.7. The following annexes are an integral part of this Agreement:
Annex No. 1 – Detailed technical specifications of the goods
- 8.8. The Contracting Parties declare that before signing, they have read the Agreement and agree with its contents without reservation. The Agreement is an expression of their genuine, true, free and solemn will. To attest to the genuineness and accuracy of these statements, the authorised representatives of the Contracting Parties hereby affix their signatures..

Pilsen, date: - 6 - 12 - 2013

In Raaba/ Graz, date: 28. 11. 13

On behalf of the Purchaser:

University of West Bohemia in Pilsen

On behalf of the Seller:

Alicona Imaging GmbH

.....
Doc. PaedDr. Ilona Mauritzová, Ph.D.

Chancellor



.....
Dr. Manfred Prantl

CEO

INFINITE**Focus**[®]

alicona
optical 3D measurement and inspection

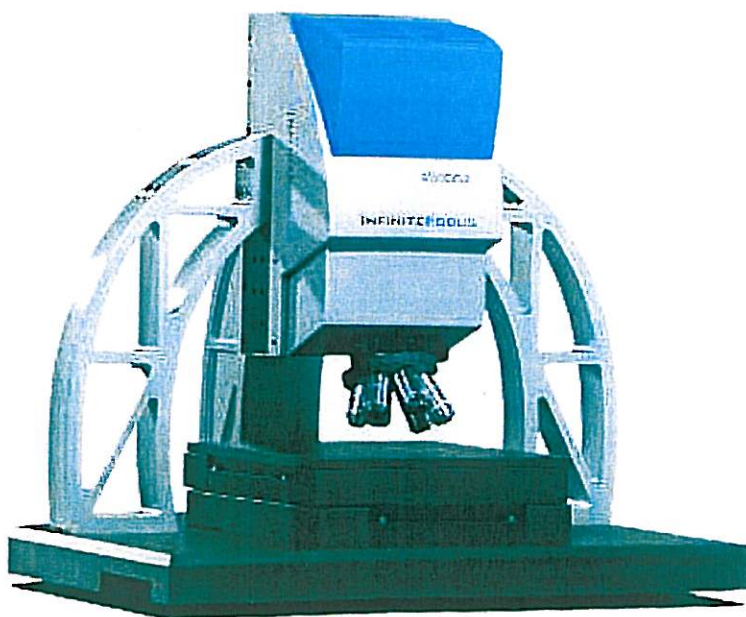
Quotation

ANG-02235-DR0HTG

**InfiniteFocus System G4 with
Real3DRotationUnit**

for

University of West Bohemia in Pilsen



INFINITEFocus[®]

alicona
optical 3D measurement and inspection

Doc. PaedDr. Ilona Mauritzova, Ph.D.
University of West Bohemia in Pilsen
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Mobile +43 676 830 44 775
Email: Hannes.Geidl-Strallhofer@alicona.com

9th July 2013

Quotation InfiniteFocus System G4 with Real3DRotationUnit

Dear Mrs Mauritzova,

Alicona Imaging GmbH participates in your tender for optical measuring equipment. Therefore we submit a quotation for the InfiniteFocus System G4 with Real3D-RotationUnit.

Should you require any further information, please do not hesitate to contact me by phone +43 (316) 4000 775 or by email hannes.geidl-strallhofer@alicona.com.

Best regards,

Alicona Imaging GmbH

Dipl.-Ing. Hannes Geidl-Strallhofer
Sales Optical 3D Measurement



Quotation ANG-02235-DR0HTG

InfiniteFocus System G4 with Real3DRotationUnit

Based on requirements known to us we recommend the operation of following system components and services:

Pos.	Qty.	Part No.	Description	Price per unit €	Price per unit CZK
1.	1.0	IF-0401	Demonstration InfiniteFocus G4 Demonstration System InfiniteFocus G4 High resolution, optical 3D surface measurement system consisting of: InfiniteFocus Sensor (sensor for optical, high resolution 3D surface measurement based on Focus-Variation) manual 6-place nosepiece for optics motorized XY precision-stage mounted on a suspended framework digital controllable modulated LED-lightsource providing co-axial illumination (SmartFlash technology) 64 bit control unit 22" monitor, joystick, keyboard, mouse standard-software consisting of: IF-LaboratoryMeasurement, IF-MeasureSuite, operator interface, database, standard measurement modules (profile form measurement, profile roughness measurement, surface texture measurement, volume measurement, 2D image measurement and automation); excluding objectives	€ 86,150.00	CZK 2,282,975.00
2.	1.0	IA-0401	IF-Polarization integrated polarization option for surfaces with strong reflections (cannot be upgraded - must be ordered with the InfiniteFocus system)	€ 1,950.00	CZK 51,675.00
3.	1.0	IA-0402	IF-RinglightPA Digital controllable modulated LED-ringlight, suitable for 2.5X, 5X, 10X, 20X objectives, incl. diffusor	€ 1,400.00	CZK 37,100.00
4.	1.0	IA-0403	IF-PolarizationDisk Polarization disk to be attached to the IF-RinglightPA	€ 175.00	CZK 4,638.00

5.	1.0	IA-0405	IF-HeightAdapter 100 mm height adapter, required if sensor must be raised more than 100 mm (must be ordered with the InfiniteFocus system, no retrofit)	€ 1,750.00	CZK 46,375.00
6.	1.0	IA-0410	IF-MotorizedNosepiece Digital controllable motorized revolver holding six objectives (cannot be upgraded - must be ordered with the InfiniteFocus system), replaces manual 6-place nosepiece	€ 2,600.00	CZK 68,900.00
7.	1.0	IO-0201	IF-Objective2.5 Alicona 2.5X objective, working distance 8.8mm (IF-RinglightPA recommended).	€ 1,200.00	CZK 31,800.00
8.	1.0	IO-0202	IF-Objective5 Alicona 5X objective, working distance 23.5mm.	€ 570.00	CZK 15,105.00
9.	1.0	IO-0203	IF-Objective10 Alicona 10X objective, working distance 17.5mm.	€ 740.00	CZK 19,610.00
10.	1.0	IO-0204	IF-Objective20 Alicona 20X objective, working distance 13mm.	€ 1,420.00	CZK 37,630.00
11.	1.0	IO-0205	IF-Objective50 Alicona 50X objective, working distance 10.1mm.	€ 1,700.00	CZK 45,050.00
12.	1.0	IO-0206	IF-Objective100 Alicona 100X objective, working distance 3.5mm.	€ 3,670.00	CZK 97,255.00
13.	1.0	IA-0424	IF-SpacerPlate-35 Attachment for mounting on the x/y-stage of the InfiniteFocus device for the higher positioning of samples; High 35 mm.	€ 990.00	CZK 26,235.00
14.	1.0	IF-0450	IF-Real3DRotationUnit Rotation unit for rotationing and tilting; measurement and visualization of 3D datasets from rotationally symmetric parts incl. 3D data acquisition (64 bit system recommended) Expandable through the IF-ColletChuchER11 to a have a better possibility to clamp very short and thin shafts.	€ 19,000.00	CZK 503,500.00
15.	1.0	IS-0450	IF-Real3DMeasurement	€ 4,800.00	CZK 127,200.00

			Software for measurement of 3D datasets consisting of the modules: IF-DifferenceMeasurement: difference measurement of two 3D datasets, comparison with CAD-data IF-3DFormMeasurement: fitting of sphere, cone and cylinder IF-ContourMeasurement: module for 3D contour measurement		
16.	1.0	IS-0112	IF-ServicePackageEnhanced1Year	€ 4,500.00	CZK 119,250.00
			Including: new software releases, 4 application tickets per year, 6 support tickets per year, free technical support within 4 weeks after installation, on site hardware maintenance and calibration (once a year, Alicona proposed date). Price for 1 year in advance.		
17.	1.0	IS-0124	IF-Installation&Training	€ 1,200.00	CZK 31,800.00
			Installation and adoption training for one day at your location.		
18.	1.0	IS-0126	IF-Expenses DACH	€ 1,590.00	CZK 42,135.00
			All-in rate for travel time, travel expenses and accommodation		
19.	1.0	SP-0103	IF-PackagingExtendedSystem	€ 720.00	CZK 19,080.00
			Packaging for a higher positioned laboratory system with sensor position higher than 152,5 mm		
			Total without discount	136,125.00	CZK 3,607,313.00
			discount	33,500.00	CZK 887,750.00
			Total	€ 102,625.00	CZK 2,719,563.00

INFINITE FOCUS[®]

alicono

optical 3D measurement and inspection

Terms & conditions

Price *Net*

Sensorposition *200 mm*

Delivery time *approx. 8-10 weeks (from written acceptance of order)*

Terms of delivery *Ex Works*

Terms of payment *Net 14*

Validity of quotation *Monday, July 12, 2013*

Warranty *12 months from delivery*

Delivery address *University of West Bohemian*

Univerzitni 22

Pilsen 306 14

CZECH REPUBLIC

Offer according to the general terms and conditions

Conformity to standards

Measurements with the IFM System conform to the following standards:

General

ISO 25178-6: Geometrical product specifications (GPS) -- Surface texture: Areal -- Part 6: Classification of methods for measuring surface textures.

VDI/VDE 2617-6.2: Accuracy of coordinate measuring machines - Characteristics and their testing - Guideline for the application of DIN EN ISO 10360 to coordinate measuring machines with optical distance sensors.

Ö-Norm 1388: Geometrische Produkt-Spezifikation und Verifikation (GPS) - Leitfaden für die Bedienung und Festlegung von Kompetenz der Bediener von optischen Oberflächen-Messsystemen

IF-ProfileFormMeasurement and IF-ProfileRoughnessMeasurement

ISO 4287: Geometrical product specification (GPS), surface composition: tactile slice procedure: Standard for definition of general roughness parameters (Ra, Rq, Rz, ...)

ISO 4288: Geometrical product specification (GPS), surface composition: tactile slice procedure: Definition of the relationship between roughness parameters and sample length.

ISO 11562: Geometrical product specification (GPS), surface composition: tactile slice procedure: Definition of the filter for roughness profile computation.

ISO 5436-1 Geometrical Product Specifications (GPS) -- Surface texture: Profile method; Measurement standards
Material measures: Definition of how to measure height steps

ISO 5436-2 Geometrical Product Specifications (GPS) -- Surface texture: Profile method; Measurement standards
Software measurement standards: Definition of interaction file format for surface profiles

ISO/TS 16610-1 Geometrical product specifications (GPS) - Filtration - Part 1: Overview and basic concepts

ISO/TS 16610-20: Geometrical product specification (GPS) - Filtration - Part 20: Linear profile filters: Basic concepts

M Krystek Die digitale Implementierung des Profilfilters nach DIN EN ISO 11562, (2004).

IF-SurfaceTextureMeasurement

ISO 25178-2 Geometrical product specifications (GPS) -- Surface texture: Areal -- Part 2: Terms, definitions and surface texture parameters: Definition of surface texture parameters (S_a , S_q , ...)

ISO 13565-2: 1996 Geometric product specifications (GPS) - Surface texture: profile method - surfaces having stratified functional properties - Part 2. Height characterization using the linear material ratio curve: Definition of the material ratio curve.

ASME B46.1-2002; Surface Texture (Surface Roughness, Waviness, and Lay). Revision of ANSI/ASME B46.1-1995: General description of profile parameters and fractal dimension.

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ISO/TS 16610-1 Geometrical product specifications (GPS) -- Filtration -- Part 1: Overview and basic concepts.

IF-ContourMeasurement anf IF-3DFormMeasurement

ISO/TS 12180 - 1: Geometrische Produktspezifikation (GPS), Zylindrizität: Begriffe und Kenngrößen der Zylinderform

ISO/TS 12180 - 2: Geometrische Produktspezifikation (GPS), Zylindrizität: Spezifikationsoperatoren.

ISO/TS 12181 - 1: Geometrische Produktspezifikation (GPS), Rundheit: Begriffe und Kenngrößen der Rundheit.

ISO/TS 12181 - 2: Geometrische Produktspezifikation (GPS), Rundheit: Spezifikationsoperatoren.