

# PURCHASE ORDER No. 002220158

**Customer :****J. Heyrovský Institute of Physical Chemistry of the CAS, v. v. i.**Dolejškova 2155/3, 182 23 Prague 8, Czech Republic  
VAT No.CZ61388955**Supplier :**

VAT : DE114219238

tectra GmbH Physikalische Instrumente

Reuterweg 65

D-60323 Frankfurt/M

GERMANY

**Sales Contact:**[Redacted]  
[Redacted] [Redacted]  
[Redacted] [Redacted] Fax : [Redacted]

Ship to : ÚFCH JH, Dolejškova 2155/3, Praha

Lead time : 10 - 14 weeks

Project No.: 579720

End-user : [Redacted]

Payment Terms : Bank Transfer

Phone [Redacted] E-mail : [Redacted]

Shipping Terms : EXW

**We order:****Total Price**

according to your Quote No. 2021-10047 and our purchase order conditions

**48 271,00**Atom/Ion Hybrid source (R220002D)  
incl. Freight/Packaging (DHL)**Expected total amount (without VAT)****48 271,00 EUR****PURCHASE ORDER TERMS AND CONDITIONS**

1. Kindly ask you to provide us with the ORDER CONFIRMATION. It has to include information about the: - all Supplier's existing costs or additional taxes, fees and charges connected with this order / - Purchase Order number / - Terms of delivery (Incoterms2010) / - Warranty / - Net and BTT weight per piece / - Customs tariff No. (HS-code) / - Country of origin / - Mode of transport / - Carrier name

2. Please provide us with the SHIPPING NOTIFICATION email once the shipment begins to travel (=Track & trace emails). To enclose the FINAL INVOICE always. Data Safety sheet in case of dangerous cargo.

3. For the Technical details, the Dispatch date Confirmation, the Installation or the Takeover of the Handover documentation, please Contact "the End-User" (the contact details stated above)

4. The Contact person for the shipping agent/courier: [Redacted] (contact details stated above)

5. WARRANTY: as stated in the order confirmation.

**INVOICE, PAYMENT TERMS**

6. Billing/Delivery address (\*1) equals "Customer" and "Delivery address". Our VAT No.: CZ61388955. (\*1) in accordance to EU law names of contact persons are not provided).

7. Payment: Net 30 days from the date of invoice, wire transfer.  
[Redacted]

8. We would like to inform you that since February 2010 a new Act No. 284/2009 Coll. of payments is valid which prohibits us to pay the bank charges of foreign banks.

**PUBLICATION in the REGISTER of CONTRACT**

9. Please note this order belong under the regime of the Act No. 340/2015 Coll. On the basis of the provisions of this Act is necessary to send us via e-mail your order confirmation ASAP. Due to § 6 the above mentioned Act, this order is not valid until the date of publication in the Register of contracts (information system of the Ministry of Interior in the Czech Republic) see § 4 of the above mentioned Act.

Date of issue :13.05.2022

Set up : [Redacted]

PRO.FA FA Intrastat JSD Registr smluv  
ANO NE[Redacted]  
.....  
stamp, signature



# tectra GmbH

## Physikalische Instrumente

tectra GmbH - Reuterweg 51-53 - 60323 Frankfurt a. Main

Czech Academy of Sciences  
J. Heyrovský Institute of Physical Chemistry  
[REDACTED]  
Dolejšková 2155/3  
182 00 PRAGUE 8, LIBEN  
CZECH REPUBLIC

Quotation	
Document No	2021-10047
Process Ref.	
Date	13.05.2022
Account No	601310
Processing	uh
Please use reference for all inquiries!	

### Delivery Address

Czech Academy of Sciences  
J. Heyrovský Institute of Physical Chemistry  
[REDACTED]  
Dolejšková 2155/3  
182 00 PRAGUE 8, LIBEN  
CZECH REPUBLIC

<b>Delivery Cond.:</b> ex works, plus packaging	Our EU Tax ID	DE114219238	
Shipping Type	DHL	Your EU VAT ID	CZ61388955
Reference			
Your Sign		Telephone (CP)	[REDACTED]
<b>Your Reference</b>	[REDACTED]	E-mail (CP)	[REDACTED]

Wir danken für Ihr Interesse an unseren Produkten und Ihre aktuelle Anfrage. Wir bieten freibleibend an /  
Thanks for your interest in our products and for your recent inquiry. We quote subject to reconfirmation:

Bitte geben Sie bei Bestellung unbedingt die Beleg- bzw. Vorgangsnummer an.  
Please refer the Document No / Process Ref on your order.

Pos.	Item No./Description	Quantity	UoM	Price per Unit	Total Price
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Carryover

**Handelsregister:**  
Frankfurt/M. HRB 11610  
**Geschäftsführer:**  
Dipl.-Phys. Uwe Hasse  
Charlotte Meissner-Gati

**Bank:**  
Postbank Frankfurt/M.  
IBAN DE74 5001 0060 0620 0146 04  
BIC: PBNKDEFF  
VAT ID: DE114219238

**tectra GmbH**  
Reuterweg 51-53  
D-60323  
Frankfurt/M.  
Germany

Phone: +49-(0)69-720040  
Fax: +49-(0)69-720400  
info@tectra.de  
www.tectra.de



Pos.	Item No./Description	Quantity	UoM	Price per Unit	Total Price
1	<b>GENII-AIHS</b> Atom/Ion Hybrid source Conventional ECR source. Filament less source allowing even with aggressive gasses. May be user configured as broad beam ion source, atom source or atom/ion hybrid. The source performs as an atom source when the grid bias is removed. Ions ( $\mu\text{A}$ range) are added to the beam when the grid bias is applied. Includes one Boron Nitride atom source aperture. Full ion options may be retrofitted on-site by the user at any future time. UHV compatible - Bakeable: 200°C - Magnetron Power: 250W max at 2.45GHz - Magnet type: Permanent, water-cooled, bakeable (no need to remove for baking) flange: 4½ inch (NW63CF) - In vacuum length: 300mm (custom lengths possible) - Ion current: 20mA (max.). Total beam current - Ion Beam Mode - Ion energy: 50eV -2000eV - Beam diameter: ~25mm at source - Extraction grids: 2 x Molybdenum (parallel, others see options) - Plasma cup: Al2O3 standard (Boron Nitride as option) - Gas flow rate: 1 - 10sccm typical (with Ion Beam Mode grids) - Working Distance: 50mm-300mm, 150mm typical. - Leak valve extraction power supplies and cables included  As above but with alternative grids. The source performs as an atom source when the grid bias is removed. Ions ( $\mu\text{A}$ range) are added to the beam when the grid bias is applied. Includes one Boron Nitride atom source aperture. Full ion options may be retrofitted on-site by the user at any future time. Customs Tariff Number 90279050	1	Pcs	36.415,00	36.415,00
2	<b>GENII-BN</b> Immersed filament beam neutralisation including filament and power supply. For use with Ion Beam Mode. Customs Tariff Number 90279050	1	Pcs	4.466,00	4.466,00
3	<b>GENII-IT</b> Ion trap Removes the residual ion current from the beam when the source is being used in atom source mode. Customs Tariff Number 90279050	1	Pcs	3.519,00	3.519,00

				Subtotal	EUR	44.400,00
	plus Temporary Market/Material Surcharge	6,50	% of	44.400,00		2.886,00
	plus Freight/Packaging					985,00
	Subtotal					48.271,00
	plus VAT w. tax code	0,00	% of	48.271,00		0,00
				Final Total	EUR	48.271,00

VAT-exempt intra-community deliveries (within the EU) are performed according to sec. 4 Nr. 1 b in conjunction with sec. 6a UStG

**Handelsregister:**  
Frankfurt/M. HRB 11610  
**Geschäftsführer:**  
Dipl.-Phys. Uwe Hasse  
Charlotte Meissner-Gati

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**tectura GmbH**  
Reuterweg 51-53  
D-60323  
Frankfurt/M.  
Germany  
 Phone: +49-(0)69-720040  
 Fax: +49-(0)69-720400  
 info@tectra.de  
 www.tectura.de



# tectra GmbH

## Physikalische Instrumente

Quotation 2021-10047

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**Preise / Price:**

Alle Preise in EURO, netto, zzgl. Verpackung, Fracht sowie gesetzl. MwSt /  
All prices in EURO, net, excl. packaging, excl. customs, ex works, VAT not included

Nettowert /  
Net value: Euro 50,--, net

**Lieferung / Delivery:**

typ. ca. nach Auftragseingang /  
approx. after receipt of order 10 - 14 Wochen / weeks

**Zahlung / Payment:**

30 Tage nach Warenerhalt, netto /  
30 days after receipt of goods, net

**Haftungsbeschränkung / Limitation of liability:**

Die Haftung ist in jedem Fall auf den jeweiligen Auftragswert begrenzt. Die Haftung für entgangenen Gewinn, entgangene Umsätze,  
sonstige Schäden sowie andere Folgeschäden ist ausgeschlossen. /

The liability is restricted in any case to the respective order value. Liability to lost profits, lost sales, business interruption and consequential damages is excluded.

Für weitere Fragen stehen wir gern zu Ihrer Verfügung.

Please do not hesitate to contact us if you have additional questions.

Mit freundlichen Grüßen / Best Regards,

tectra GmbH

**Payment Conditions:**

30Days

w/o discount

48.271,00EUR

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Frankfurt/M. HRB 11610  
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Charlotte Meissner-Gati

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