

# PURCHASE ORDER No. 002170120

**Customer :** J. Heyrovský Institute of Physical Chemistry of the ASCR, v. v. i.



Dolejškova 2155/3, 182 23 Prague 8, Czech Republic  
VAT No. CZ61388955  
Phone: [REDACTED]  
Fax: [REDACTED]  
E-mail: [REDACTED]

**Supplier :**

VAT : DE136564155

**SPECS Gmbh**

Voltastrasse 5  
13355 Berlin  
GERMANY

[REDACTED] :  
J. Heyrovský Institute of Physical Chemistry of the ASCR, v. v. i.

**Contact :** [REDACTED]

Phone : [REDACTED] GSM : [REDACTED]  
Fax : [REDACTED] e-mail : [REDACTED]

Requested delivery date : 4-5 Months, acc. delivery time infos  
Delivery term : DAP Prague 8 (INC2010)  
Project No. : 880000

**We order:**

**Total Price**

according to your Quotation No. AN170988 in the attachment:

**40 900,00**

Pos. 1-7: LaserPointer (R1740-INV)  
Pos. 8: shipping costs (DAP Prague 8)

**40 900,00**

**Expected total amount (without VAT)**

**40 900,00 EUR**

**SHIPPING:**

- IMPORTANT: Please send me 1 week in advance via e-mail delivery informations:  
delivery date; name of the Shipping agent; total weight and dimensions of the shipment.
- UFCHJH contact person for the shipping agent /courier: [REDACTED]
- Our business hours: Monday-Friday 8h30-12h, 13h30-14h30
- The packaging: max. dimensions: 197 x 168 x 100 (cm), max. weight (brutto): 400 (kg)
- Request single shipment

**INVOICE:**

- The Names of the contact persons should NOT be shown in the billing address
- To indicate in the Commercial Invoice and FINAL Invoice the following data:  
- H.S. Code (Customs Tariff Number) , - Country of Origin, - Purchase Order number
- Billing address equals "Customer" and "Delivery address". Our VAT No. CZ61388955

**ORDER CONFIRMATION:**

IMPORTANT - For order value over 1850 EUR or 1950 USD only -  
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. 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.  
We can not receive the order item and process the payment without receiving your order confirmation and without the publication this documents in the Register of contracts.

**WARRANTY:** according to the specification in your order confirmation

**PAYMENT TERMS :** 30 days net, wire transfer after receiving the order item and your invoice

[REDACTED]

**Date of issue :** 18.7.2017

**Set up :** [REDACTED]

stamp, signature

J. Heyrovsky Institute of Physical Chemistry  
Department of Low Dimensional Systems  
██████████  
Prague Dolejskova 3  
18223 PRAGUE 8  
TSCHECHISCHE REPUBLIK

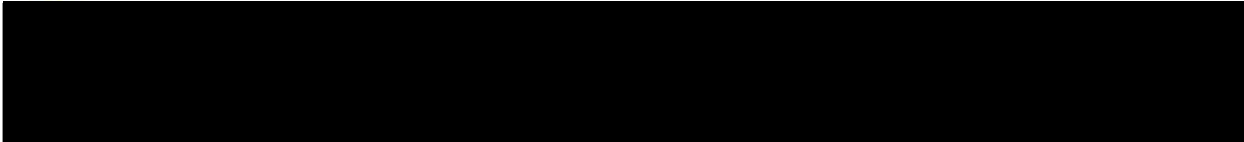
Customer Number  
102058.002.01  
Date  
12. July 2017

Sales  
Měřicí technika Morava s.r.o  
Contact  
██████████  
Telephone  
██████████  
Fax  
██████████  
E-mail  
██████████

## OFFER AN170988

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Item	Part No.		Quantity	Unit Price	Net EUR
1	2011910110	<b>LaserPointer</b> For sample positioning and alignment consisting of:  <ul style="list-style-type: none"> <li>• Laser pointer including power supply</li> <li>• Mounting system for flange attachment on PHOIBOS</li> <li>• Lens</li> <li>• Polarizer</li> </ul> Specification:  <ul style="list-style-type: none"> <li>• Mounting flange DN 40CF</li> </ul>	1	3.500,00	3.500,00
2	0018200136	<b>PCS-ECR-HN Plasma Source Package</b> The hybrid plasma source for nitrogen, reducing or inert gases PCS-ECR-HN is a fully UHV compatible component for most demanding MBE applications and surface modifications, suitable for a wide range of vacuum levels (UHV to HV). PCS-ECR-HN combines atom source and ion source behavior, and it can be used to produce either atoms or ions by applying a voltage to the extraction grids. The package includes PCS/MPS plasma unit, PCS source, configuration kit for reducing gases, the power supply for	1	28.400,00	28.400,00



Item	Part No.	Quantity	Unit Price	Net EUR
	PCS source and extraction grids.			
	Please note: Gas inlet system required.			
	Consisting of:			
	2011200000			
	PCS/MPS Plasma Unit	1		
	<ul style="list-style-type: none"> <li>• Microwave generator (2,54 GHz)</li> </ul>			
	2011200200			
	PCS Source	1		
	<ul style="list-style-type: none"> <li>• Mounting flange DN63CF</li> <li>• Gas flow rate: &lt; 0.1 - 100 sccm</li> <li>• Beam diameter: ~ 25 mm at source</li> <li>• Bakeable up to 200°C</li> </ul>			
	2011200240			
	PCS Configuration Kit for HN	1		
	<ul style="list-style-type: none"> <li>• For operation in hybrid mode with nitrogen, reducing or inert gases</li> <li>• Special extraction grids and apertures for atoms and ions</li> <li>• Boron nitride plasma crucible</li> </ul>			
	2100006761			
	PCS and Ion Extraction Power Supply	1		
	<ul style="list-style-type: none"> <li>• Power supply for PCS source and extraction grids</li> <li>• 250W @ 2,54 GHz</li> <li>• Complete set of cables</li> </ul>			

Item	Part No.		Quantity	Unit Price	Net EUR
3	2011105415	Ion trap PCS-ECR-Trap to remove of residual ions from the beam of the PCS-ECR atom source	1	3.300,00	3.300,00
4	2011105400	Shutter with integrated Faraday cup PCS-ECR-F-Shut for beam- or residual current measurements with shutter closed consisting of: <ul style="list-style-type: none"> <li>• <b>electrical feedthrough</b></li> <li>• <b>internal wires</b></li> <li>• <b>shutter blade</b> with integrated <b>Faraday cup</b></li> </ul> <p>Please note: manual shutter P-ECR-Shutter not included, Ammeter (nA- or µA resolution) required.</p>	1	3.900,00	3.900,00
5	2055006371	PCS-ECR-Shutter	1	1.500,00	1.500,00
6	2011200230	PCS Configuration Kit for HO <ul style="list-style-type: none"> <li>• For operation in hybrid mode with oxygen or other oxidizing gases</li> <li>• Special extraction grids and apertures for atoms and ions</li> <li>• Alumina plasma crucible</li> </ul>	1	3.200,00	3.200,00
7	2011751196	Gas Inlet System GI-1 consisting of: <ul style="list-style-type: none"> <li>• high precision UHV gas inlet valve</li> <li>• gas line (CF16 flange)</li> </ul> <p>Please note: No gas bottle included.</p>	1	2.100,00	2.100,00

Item	Part No.	Quantity	Unit Price	Net EUR
			<b>Subtotal</b>	45.900,00
			<b>Discount</b>	-5.400,00
				40.500,00
8	Shipping	1	400,00	400,00
<b>Total Amount</b>				<b>40.900,00</b>

The General Terms and Conditions of SPECS GmbH are valid.

**Ordering, Delivery and Payment Terms**

All prices are net prices excluding customs and taxes.

Goods remain the property of SPECS GmbH until all invoices are fully settled.

Seller provides a one year warranty on labor and parts on defects in material and workmanship, spare parts and consumable are excluded. Warranty period starts at delivery.

Technical alterations are reserved by SPECS Surface Nano Analysis GmbH.

This offer and subsequent orders are governed by German law.

**Payment schedule:**

100% at delivery

**Validity of offer:**

The offer is valid for 90 days.

**Delivery time:**

The delivery time is 4-5 months after final technical clarification.

**Terms of delivery:**

CIP (Incoterms 2010) J. Heyrovsky Institute, Prague

**Terms of Payment**

Net 30 Days, from date of invoice