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| **Offer: A06-2021** |
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Ústav chemických procesů AV ČR, v.v.i.

Institute of Chemical Processs Fundamentals

of the CAS, v.v.i.

*your inquiry from your reference offer valid until*

January 18, 2021 TROPOS L-DMA August 30, 2021

**Pos. designation amount unit price total price**

 **Description possible delivery time (Euro) (Euro)**

**1 LDMA 1 piece**

TROPOS LDMA and measurement rack with the WCCAP standards, including flow control system. Mechanical, electrical and performance check. The TROPOS L-DMA is without Counter and radioactive source. Transport costs are included. The TROPOS L\_DMA and measurement rack fulfils the requirements in document “Příloha č. 1 – Technické požadavky.docx”.

Technical specifications:

TROPOS can fulfil all the technical specifications required in “Příloha č. 1 – Technické požadavky.docx”:

 Annex 1: Technical specifications

* size selection and measurement rack with one long DMA
* it fulfils the requirement of WCCAP and select particles up to 3.5 µm
* control and measurement software are included for size selection including control and electronic box
* the size selection and measurement rack include one high voltage power supply 12.5 kV
* the calibration of the high voltage supply can be performed manually and to modify by the user and not only by the supplier
* the instrument has easy access (for example three-way valves) to manually measure with bubble flow meter the flow rates in the aerosol and DMA sheath flows
* the long DMA sheath flows is a closed-loop type
* aerosol and DMA sheath flows can accommodate nafion or diffusion driers
* the flow ratio between aerosol and sheath air is variable; flows from 5 up to 20 l/min in sheath air is possible
* WCCAP ACTRIS calibration certificate upon delivery
* TROPOS gives the supplier sufficient information to operate and service the instrument
* free software updates are included

This offer does not include VAT.