Uni-Export Instruments, s.r.o.

A MEMBER OF THE UNI-EXPORT GROUP

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IČ 48582972, DIČ CZ48582972, datum zápisu do OR 11.2.1993, OR Městského soudu v Praze, oddíl C, vložka 17542

**CENOVÁ NABÍDKA č.: IC/6296/A**

Zákazník: Vysoká škola chemicko-technologická v Praze Technická 1905/5

166 28 Praha 6

Kontaktní osoba: xxxxx

Naše značka: IC/6296

Datum: 21.10.2024

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| pol. | obj.č. | popis | ks | jednotková cena | cena celkem |
| 1 | 45964 | **Force Tensiometer - Tensíío** | 1 | Kč | 597000,00 | Kč | 597 000,00 |
|  | Tensíío | for fully automatic measurements of surface and interfacial tension, dyn. |  |  |  |  |  |
|  |  | contact angle, density and adhesion force |  |  |  |  |  |
|  |  | Extent of delivery: |  |  |  |  |  |
|  |  | * BASIC INSTRUMENT
 |  |  |  |  |  |
|  |  | - resolution: 0.01 mN/m, range 1-2000 mN/m |  |  |  |  |  |
|  |  | - weight resolution force sensor: 100 μg |  |  |  |  |  |
|  |  | - maximum load 250 g |  |  |  |  |  |
|  |  | - position resolution: 16 nm, travel distance: >120 mm |  |  |  |  |  |
|  |  | - travel speed range 0,001-800 mm/min, continuous |  |  |  |  |  |
|  |  | - sample rate: 100 Hz |  |  |  |  |  |
|  |  | - drive without optical height sensor |  |  |  |  |  |
|  |  | - connection of temperature sensor and control units possible |  |  |  |  |  |
|  |  | - USB port for PC-control and connection of further accessories |  |  |  |  |  |
|  |  | - transparent door |  |  |  |  |  |
|  |  | * PC connection cable and power adapter
 |  |  |  |  |  |
|  |  | * manual
 |  |  |  |  |  |
|  |  | \*\*\*Sample stages, temperature control jackets and external temperature |  |  |  |  |  |
|  |  | sensors are not included\*\*\* |  |  |  |  |  |
| 2 | 37744 | **Software ADVANCE | Tensiometer – Surface and Interfacial Tension** | 1 | Kč | 63000,00 | Kč | 63 000,00 |
|  | AD0831 | **Module** |  |  |  |  |  |
|  |  | to determine surface and interfacial tension of liquids by Du Noüy ring and |  |  |  |  |  |
|  |  | Wilhelmy plate method |  |  |  |  |  |
| 3 | 38488 | **Software ADVANCE | Tensiometer - Contact Angle/SFE Module** | 1 | Kč | 127000,00 | Kč | 127 000,00 |
|  | AD0833 | to determine |  |  |  |  |  |
|  |  | - Dynamic contact angle on rectangular and cylindrical solid samples using |  |  |  |  |  |
|  |  | the Wilhelmy method |  |  |  |  |  |
|  |  | - Contact angle on powders and fiber bundles using the Washburn method |  |  |  |  |  |
|  |  | - Surface free energy from contact angle data split into its polar and |  |  |  |  |  |
|  |  | dispersive components, its acid and base components as well as its hydrogen |  |  |  |  |  |
|  |  | bonding components, according to different models |  |  |  |  |  |
|  |  | - Calculation of wetting envelopes |  |  |  |  |  |
|  |  | Respective sample holders are not included |  |  |  |  |  |
| 4 | 37748 | **Software ADVANCE | Tensiometer – CMC Module** | 1 | Kč | 112000,00 | Kč | 112 000,00 |
|  | AD0838 | to determine Surfactant characteristics including |  |  |  |  |  |
|  |  | - Critical micelle concentration (CMC) |  |  |  |  |  |
|  |  | - Space required for a molecule at the surface |  |  |  |  |  |
|  |  | - Surface excess |  |  |  |  |  |
|  |  | - Gibbs free standard adsorption enthalpy |  |  |  |  |  |
|  |  | AD0831 is required |  |  |  |  |  |

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| 5 44977TJ11406 Z12130440002987 28437RI018 28371PL018 29349TP05129 45088DS112010 28835SV2311 28543SH081012 38405SH081213 28530SH0601 14 PC | **Sample stage with thermostat jacket*** controlled by liquid thermostat
* with integrated electro-magnetic stirrer and temperature sensor
* stirring rate 0-800 rpm
* stirring time freely setable

suitable for sample vessels with outer diameter Ø 70 mmthermostat is required in addition**Recirkulační termostat HUBER Piccolo 280 OLÉ**teplotní rozsah 4 - 70°C**PtIr-Ring** in protective box ring diameter 19,45 mmwire diameter 0,37 mm**Pt-Plate** in protective box width 19,9 mmthickness 0,2 mmheight 10 mm**External temperature sensor** for measurement of sample temperature incl. mounting componentsaccuracy 0,05 Ksuitable for TJ40, TJ1140, TJ41, TJ1111 and TJ50**Micro Dispenser****double dosing system for automated CMC measurement**consisting of:* two separate dosing units
* two 1000 ml reservoir bottles
* tubings
* one anti-diffusion valve SP0805
* stand for tubings
* connecting cables
* two dosing cylinders SY0803
* dosing resolution 0,1 μl

ADVANCE required**Aluminium sample vessel, coated with PTFE, conical*** Max. sample volume 170 ml
* Incl. magnetic stirrer bar

suitable for temperature control jacket of Ø 70 mm for CMC determination (min sample volume 3 ml), as well as for foamy liquids with the BP100 (min sample volume 12 ml)**Special Glass Sample Holder** for K100/ K100C/Tensíío for measurementsof adsorption and wetting behaviour of powder samples Extent of delivery:* 1 Glass tube (see SH0825)
* Clamping ring with o-ring
* 100 filter papers (SH0621)

adapter SH0812 is required in addition**Adapter with clip to suspend SH0810/ SH0820**to the force measuring system**Special sample holder to fix solid sample-plates Desktop-PC** | 11211111111 | KčKčKčKčKčKčKčKčKčKč Kč | 39800,0075000,0021700,0021700,0017790,00216000,0033900,007520,002660,009730,0040000,00 | Kč 39 800,00Kč 75 000,00Kč 43 400,00Kč 21 700,00Kč 17 790,00Kč 216 000,00Kč 33 900,00Kč 7 520,00Kč 2 660,00Kč 9 730,00Kč 40 000,00 |
|  | minimální parametry: |  |  |  |  |
|  | RAM 16GB |  |  |  |  |
|  | SSD 512GB |  |  |  |  |
|  | monitor 23" full HD |  |  |  |  |
|  | Windows 11 |  |  |  |  |

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| 15 |  | **Balné a dopravné**, dodací podmínka DDP Praha6 - Dejvice dle | 1 | Kč | 15000,00 | Kč | 15 000,00 |
|  | INCOTERMS 2020 |  |  |  |  |  |
| 16 | **Instalace a zaškolení** | 1 | Kč | 9000,00 | Kč | 9 000,00 |
|  | **Mezisoučet** |  | **Kč** |  | **Kč** | **1 430 500,00** |
| 17 | Akademická sleva 41 %. | 1 |  | -586 505,00 | Kč | -586 505,00 |
|  | **Celkem bez DPH** |  | **Kč** |  | **Kč** | **843 995,00** |
| 18 | DPH 21 % |  |  |  | Kč | 177 238,95 |
|  | **Celkem včetně DPH** |  |  |  | **Kč** | **1 021 233,95** |

Dodací lhůta: Maximálně 10 týdnů.

Záruční lhůta: 24 měsíců.

Platnost nabídky: 60 dnů.

Platební podmínky: Platba po dodání, splatnost faktury 30 dnů od jejího doručení. Bankovní spojení: xxxxx, č.ú.: xxxxx

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Vypracoval: xxxxx