Uni-Export Instruments, s.r.o.

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Šultysova 642/15, 169 00 Praha 6, tel.: xxxxx, fax: xxxxx e-mail: [xxxxx](mailto:uniexport@uniexport.co.cz)

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 44977  TJ1140  6 Z121304400029  8  7 28437  RI01  8 28371  PL01  8 29349  TP0512  9 45088  DS1120  10 28835  SV23  11 28543  SH0810  12 38405  SH0812  13 28530  SH0601 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 mm  thermostat is required in addition  **Recirkulační termostat HUBER Piccolo 280 OLÉ**  teplotní rozsah 4 - 70°C  **PtIr-Ring** in protective box ring diameter 19,45 mm  wire diameter 0,37 mm  **Pt-Plate** in protective box width 19,9 mm  thickness 0,2 mm  height 10 mm  **External temperature sensor** for measurement of sample temperature incl. mounting components  accuracy 0,05 K  suitable 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 measurements  of 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** | 1  1  2  1  1  1  1  1  1  1  1 | Kč  Kč  Kč  Kč  Kč  Kč  Kč  Kč  Kč  Kč Kč | 39800,00  75000,00  21700,00  21700,00  17790,00  216000,00  33900,00  7520,00  2660,00  9730,00  40000,00 | Kč 39 800,00  Kč 75 000,00  Kč 43 400,00  Kč 21 700,00  Kč 17 790,00  Kč 216 000,00  Kč 33 900,00  Kč 7 520,00  Kč 2 660,00  Kč 9 730,00  Kč 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