



**PRAISTON Sp. z o.o.**  
ul. Górowska 32  
64-100 Leszno  
Polska

Biuro: +48 65 527 01 67  
Serwis: +48 782 844 000  
Fax: +48 65 527 01 67

E-mail: [biuro@praiston.pl](mailto:biuro@praiston.pl)

Koordinator ds. sprzedaży  
Krzysztof Wybieralski  
+48 882 762 006

[kw@praiston.pl](mailto:kw@praiston.pl)



**Biochemical analyser (photometer) HUMAN HUMALYZER 2000 (Reconditioned)**

Used,  
Technical condition: very good,  
Visual condition: very good,  
German production,  
Power supply: 230 V,  
Frequency: 50/60 Hz,  
Power: 80 W,  
The Humalyzer 2000 is a microprocessor-controlled, semi-automatic, bichromatic photometer with the ability to incubate tubes at 37° C,  
Equipped with:  
LCD display with 2 x 24 dot matrix,  
Integrated printer for 6 cm wide paper,  
Incubation block for twelve tubes of Ø 12 mm,  
Built-in vacuum pump,  
Strap for attaching the bottle, sensor socket and connections for tubing (supply and drain),  
Button on the front of the unit for sample collection,  
Test memory: 44 pre-programmed, 15 to be set by the operator,  
Memory for 255 samples and calibrations,  
Connections:  
RS - 232,  
25-pin D-sub female connector,  
5 operation modes (absorption measurement):  
With single standard,  
With constant coefficient,  
Multi-standard,  
Kinetic,  
Kinetic with constant time,  
Two additional wavelengths can be added,  
Ion beam deposited filters,  
Automatic zero and shutdown,  
Removable flow cell installed in the readout opening provides instant fluid collection for reading and little transfer of contamination between successive samples,  
The used fluid bottle has an overfill sensor,  
Vinyl lining of the bottle protects it from damage,  
Selectable English language menu,  
Foiled control panel,  
Keypad on the control panel in English,  
Specifications:  
Radiation range: 330 - 700 nm,  
Wavelengths: 340, 425, 505, 545, 580, 630 nm,  
Measurement ranges:  
Absorbance: (- 0.5) - 3.5 (flow cell operation), (- 0.5) - 2.5 (tube operation),  
Concentration: 0 - 999.999,  
Analyser accuracy:  $\pm$  0,5 - 3 % depending on the amount of absorption,  
Minimum volume of sample taken: 250 µL,  
Optics:  
Single light beam with rotating filter disc,  
Monochromatic or bichromatic readouts,  
8 positions for filters,  
Light source: 10 W halogen bulb,  
Photometer warm-up time: 90 s,  
Included:  
External vacuum bottle for used fluids, 500 mL capacity,  
Antibacterial filter,  
Instruction manual in Polish,  
Power cord,  
Dimensions:  
Analyser: 44 x 36,5 x 22 cm,  
Bottle: Ø 8 x 21 cm,  
Weight: 9 kg,  
Has a current Technical Passport issued,  
Warranty:  
6 months for the domestic market - Poland,  
1 month for the international market,  
Financing options (Poland only): Installments, Leasing, Loan,  
If you have any questions, please do not hesitate to contact us!  
In case you don't find the product you are interested in, please get in touch with us and we will do our best to find the perfect solution for YOU.  
WE SPEAK ENGLISH  
HABLAMOS ESPANOL  
WIR SPRECHEN DEUTSCH  
ON PARLE FRANCAIS  
WIJ SPREKEN NEDERLANDS  
МЫ ГОВОРИМ ПО РУССКИ  
МИ РОЗМОВЛЯЄМО УКРАЇНСЬКОЮ  
WE SHIP WORLDWIDE

