

### About skyla<sup>®</sup>

skyla<sup>®</sup>, derived from the Latin word "scilla", meaning "passionate and energetic", in such a way we focus to deliver reliable technological opportunities to the healthcare industry. skyla<sup>®</sup> belongs to the Lite-On Corporate Group, with multidisciplinary expertise in optics, mechanical, electronic, materials, chemistry biotechnology and medical engineering. Guaranteeing the development of high quality innovative medical products.



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### Total solution for veterinarian



## skyla<sup>®</sup> Solution

Veterinary Biochemistry Immunoassay Analyzer



# skyla<sup>®</sup> Solution

Solution – combine with all immunoassay and chemistry methodology in one device to offer the best efficiency, accessibility and accuracy of veterinary clinical blood test.

## Easy Operation

Iconic Graphic User Interface, Walk Away Operation



## Features



**Wide Range Working Environment**  
5 ~ 35 °C



**3 Specimens Test at One Time**  
- One Immunoassay + Two Chemistry  
- Three Chemistry



**All Methodology in one Device**  
- ELISA  
- Turbidimetry  
- Colorimetry



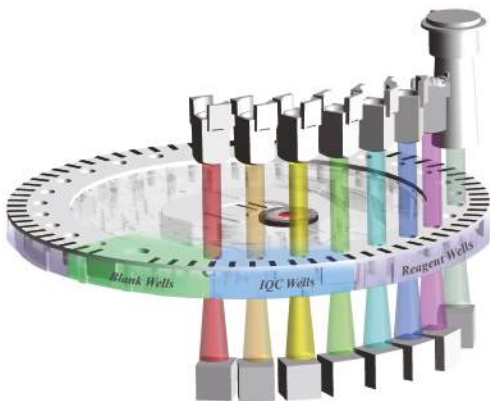
**Intelligent Interference Eliminating (iIE) System**  
Use multiple wavelengths LEDs and big data, to eliminate the effect of sample lipemia, hemolysis and Icterus interference and provide the high accuracy results.



**Wi-Fi - Remote Control**



**PC Software for Test Results Management**



## Test Profiles

Test profiles are subject to change without notice. (\*Under Development) (#Calculated)

| Chemistry Reagent Disc       |  |
|------------------------------|--|
| Thyroid/T4 Panel (2)         | T4, CHOL   |
| Diabetes Panel (4+2)         | FRU, GLU, TP, ALB, GLOB <sup>#</sup> , A/G <sup>#</sup>  |
| Renal Panel (9+5)            | ALB, BUN, CREA, PHOS, Ca, Na, K, Cl, tCO <sub>2</sub> , B/C <sup>#</sup> , Na/K <sup>#</sup> , C-Ca <sup>#</sup> , UREA <sup>#</sup> , AGap <sup>#</sup>   |
| Liver Panel (8+3)            | ALB, ALP, ALT, AST, TBIL, TP, BUN, GGT, GLOB <sup>#</sup> , A/G <sup>#</sup> , UREA <sup>#</sup>   |
| Liver Plus Panel (10+3)      | ALP, ALT, AST, BUN, TP, ALB, GGT, TBIL, BA, CHOL, GLOB <sup>#</sup> , A/G <sup>#</sup> , UREA <sup>#</sup>   |
| Electrolytes Panel (4+2)     | Na, K, Cl, tCO <sub>2</sub> , Na/K <sup>#</sup> , AGap <sup>#</sup>  |
| Peanesthetic Panel (7+4)     | ALB, ALP, ALT, BUN, CREA, GLU, TP, GLOB <sup>#</sup> , A/G <sup>#</sup> , B/C <sup>#</sup> , UREA <sup>#</sup>   |
| Diagnosis Panel (13+5)       | ALB, ALP, ALT, AMY, AST, BUN, CHOL, CREA, GLU, TBIL, TP, Ca, PHOS, GLOB <sup>#</sup> , A/G <sup>#</sup> , B/C <sup>#</sup> , C-Ca <sup>#</sup> , UREA <sup>#</sup>   |
| Diagnosis Plus Panel (13+6)  | ALP, ALT, ALB, BUN, CREA, GLU, TP, AMY, TBIL, Ca, PHOS, Na, K, GLOB <sup>#</sup> , A/G <sup>#</sup> , B/C <sup>#</sup> , Na/K <sup>#</sup> , UREA <sup>#</sup> , C-Ca <sup>#</sup>                                     |
| Diagnosis-II Panel (14+5)    | ALB, ALP, ALT, AMY, BUN, CHOL, CREA, GLU, TBIL, TP, Ca, PHOS, LIPA, GGT, GLOB <sup>#</sup> , A/G <sup>#</sup> , B/C <sup>#</sup> , C-Ca <sup>#</sup> , UREA <sup>#</sup>   |
| Critical Care Panel (14+7)   | ALB, ALP, ALT, BUN, CREA, GLU, TP, Ca, Na, K, Cl, tCO <sub>2</sub> , LAC, CPK, GLOB <sup>#</sup> , A/G <sup>#</sup> , B/C <sup>#</sup> , Na/K <sup>#</sup> , AGap <sup>#</sup> , C-Ca <sup>#</sup> , UREA <sup>#</sup> |
| Equine Panel (14+6)          | ALP, AST, CREA, BUN, TP, GLU, ALB, TBIL, CPK, GGT, Ca, Na, K, tCO <sub>2</sub> , GLOB <sup>#</sup> , A/G <sup>#</sup> , B/C <sup>#</sup> , Na/K <sup>#</sup> , C-Ca <sup>#</sup> , UREA <sup>#</sup>                   |
| Large Animal Panel (14+5)    | ALP, AST, BUN, TP, ALB, Ca, PHOS, CPK, GGT, Na, K, Cl, Mg, GLU, GLOB <sup>#</sup> , A/G <sup>#</sup> , Na/K <sup>#</sup> , C-Ca <sup>#</sup> , UREA <sup>#</sup>   |
| Avian & Reptile Panel (12+4) | AST, TP, ALB, GLU, Ca, PHOS, Na, K, Cl, CPK, BA, UA, GLOB <sup>#</sup> , A/G <sup>#</sup> , Na/K <sup>#</sup> , C-Ca <sup>#</sup>  |
| Single Assay Test            | BUN, CREA, Cl, TBIL, LAC, NH <sub>3</sub> <sup>+</sup>   |
| Dual Assay Test              | Na+K+Na/K <sup>#</sup> , Ca+PHOS, AST+CPK, ALB+TP+GLOB <sup>#</sup> +A/G <sup>#</sup> , ALP+ALT, TRIG+CHOL, GGT+CPK, LIPA+AMY, UPRO+UCRE+UPC <sup>#</sup>  |

| Immunoassay Cartridge |   |
|-----------------------|---|
| Inflammation Makers   | cCRP (canine CRP), SAA (feline/equine SAA), cPL* (canine PL)*           |
| Medication Monitoring | PHBR (Phenobarbital)  |
| Eugenics Index        | cPROG* (canine Progesterone)*   |
| Endocrine Index       | cTT4*, cTSH* (canine TSH)*, cCOR* (canine Cortisol)*                    |
| Diabetes Maker        | cA1c (canine HbA1c)*  |
| Coagulation Factor    | PT* (Prothrombin Time)*, aPTT* (activated Partial Thromboplastin Time)* |

## Main Specifications

| Principle            |   |
|----------------------|---|
| Colometric Method    | 340~650 nm  |
| Turbidimetry, ELISA  | 340~650 nm  |
| Device               |   |
| User Interface       | 8" TFT color LCD touch screen   |
| Memory Capacity      | 50,000 test results   |
| Dimensions / Weight  | 490(H) x 230(W) x 358(D) mm / 12kg  |
| Data Transmission    | USB 2.0, 5 Ports Master, (USB2.0 Support Wi-Fi dongle 802.11 b/g/n), RS232, Ethernet 10/100Mbps                               |
| Printer              | Built in thermal printer/ External printer (Support PCL 3GUI, PCL5, PCL6 printers)  |
| Sample & Panel       |   |
| Sample Type          | Whole blood, plasma, serum (depends on methodology)   |
| Sample Volume        | 1-200μL (depends on test items)   |
| Test Profile         | Panels, Single Assay, Dual Assay, Single Item   |
| Measurement Time     | Panel: up to 15 tests in 15 min, Single/Dual Assay: up to 6 tests in 12 min, Immuno Item: 6~ 25 mins (depends on methodology) |
| Operation Condition  |   |
| Temperature/Humidity | 5 - 35°C / 0 - 95%  |