

# Orinalyser

Urinalysis Reagent Strip Analyser



## U120

### Single Strip Urine Analyser

- Facility to use single strip option as well as continuous strip option
- 60 tests/hour with single strip option and 120 tests/hour with continuous strip option
- Auto flags for abnormal results
- Beep signal to begin test
- RS232C and USB port for data transfer

## U500

### Multi Strip Urine Analyser

- 500 tests/hour throughput
- Large LCD touch screen offers simple menu navigation
- Auto flags for abnormal results
- Auto strip detection and alignment for better efficiency
- Uniquely designed strip platform and waste tray unit for easy one-step cleaning
- Auto calibration and waste disposal
- RS232C and USB port for data transfer as well as LIS

# Technical Specifications



| Specifications             | U500<br>Multi Strip Urine Analyser                                                                    | U120<br>Single Strip Urine Analyser                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Methodology                | Reflectance Photometry                                                                                |                                                                                 |
| Detection                  | Photosensitive Diode                                                                                  |                                                                                 |
| Throughput                 | 500 tests/hour<br>(measuring cycle : 7 seconds/test)                                                  | 60 tests/hour : Single strip option<br>120 tests/hour : Continuous strip option |
| Test Modes                 | Routine, STAT and QC                                                                                  |                                                                                 |
| Memory                     | Last 2000 results                                                                                     |                                                                                 |
| Strip Incubation Time      | 1 Minute                                                                                              |                                                                                 |
| Wavelength                 | 525 nm and 635 nm                                                                                     |                                                                                 |
| Standard Strips            | 8, 9, 10, 11 Parameters (5 mm x 108 mm)                                                               | 2, 4, 10 Parameters (5 mm x 108 mm)                                             |
| Waste Disposal Capacity    | Up to 150 strips                                                                                      | --                                                                              |
| Analyser Ports             | Standard RS232C port for barcode reader or data transfer<br>25 pin parallel port for external printer |                                                                                 |
| Printer                    | Internal Thermal Printer & port for external printer                                                  |                                                                                 |
| Major Readable Barcodes    | Code 128, Code 39, Codabar (NW-7), Interleaved 25, UPC-A, UPC-E, EAN 8, EAN 13                        |                                                                                 |
| Calibration                | Automatic                                                                                             |                                                                                 |
| Operating Conditions       | 0 ~ 40°C (32 ~ 104°F); ≤ 85% RH                                                                       |                                                                                 |
| Storage Conditions         | -5 ~ 50°C (23 ~ 122°F); ≤ 90% RH                                                                      |                                                                                 |
| Power Source               | 100 ~ 240 VAC, 50 ~ 60 Hz                                                                             |                                                                                 |
| Dimensions (L x W x H)     | 36.6 cm x 28.3 cm x 19.5 cm<br>(14.4" x 11.1" x 7.7")                                                 | 32.00 cm x 22.0 cm x 18.6 cm<br>(12.6" x 8.7" x 7.3")                           |
| Display Dimensions (L x W) | 11.5 cm x 9.0 cm (4.5" x 3.5")                                                                        | 10.8 cm x 5.7 cm (4.2" x 2.2")                                                  |
| Weight                     | 4.0 Kg (8.8 lbs)                                                                                      | 2.6 Kg (5.73 lbs)                                                               |

For commercial and product related query, please contact :

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Specification may change without prior notice