

FLEXIBILITÉ

ÉFFICACITÉ

FIABILITÉ



# DR-7000D

Semi-Automate de biochimie



**DIRUI**

# DR-7000D

## Semi-Automate de biochimie

### Features:

Optic system adopts new type of interface filters which is featured by heat-resistant, moist-resistant, longevity of service, little center wavelength excursion, high optical signal-noise ratio etc. The main control system adopts industrial ARM and new type of high precision  $\Sigma$ - $\Delta$ A/D transfer, with high measurement precision and reliable. English operation interface, real-time reaction curve display and enlarge. Barcode reader connection is available and the flip open shell is more convenient for maintenance.

### Wavelength:

340nm、405nm、450nm、492nm、505nm、546nm、578nm、630nm

### Testing range:

200 testing programs, open reagent system.

### Temperature control:

25°C, 30°C, 37°C,  $\pm 0.1^\circ\text{C}$ , temperature balance time less than 10s.

### Methodology:

Kinetic, 2-point kinetic, End point, multi-standard, absorbance, measure and calibration for QC and QC graphic.

### Display:

Large LCD display. English interface, legible display effect in a poor light available.

### Output:

Built-in thermal printer, ready-to-use print out, QC result, data, test result and integrated report print out. External printer connection is available.



### Interface:

RS-232 serial port and on-line CD.

### Memory:

Flash memorizer could save 200 testing programs, 3000 testing results. Function to save test results by accidental power-off and test results research, display and printing.



### Operating environment:

Power supply: 220VAC  $\pm 10\%$ , 50 $\pm 1$ HZ  
Temperature: 15°C ~ 30°C  
Relative Humidity:  $\leq 85\%$  RH  
Dimension: 462mmX418mmX232mm  
Weight: 6.5KG



### Specification:

Wavelength range: 8 wavelengths optional  
Wavelength Accuracy:  $\pm 2$ nm  
Spectrum bandwidth: 6~12nm  
Absorbancy: -0.3~3.0 ABS  
Resolution: Display with 1m ABS, internal with 0.1m ABS  
Linearity: less than 2% within 2ABS  
Stability: 20 minutes for warm-up and then  $\leq 2$ mABS/hour  
Measure repeatability:  $\leq 2$ mABS

Measurement time: 0~999s programmable  
Delay time: 0~999s programmable  
Memory: 200 testing programs, 3000 testing results  
Sampling: 500~9999 $\mu$ l programmable  
Microflowcell volume: 32 $\mu$ l  
Cross-contamination:  $\leq 1\%$   
Absorbancy repeatability: CV  $\leq 1\%$   
Display: 240x128 dot-matrix LCD  
Power consumption: 85W



Certified to

ISO 9001:2008 and ISO 13485:2003

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