DR-7000D
Semi-automatic Chemistry Analyzer

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Features:

The optical system utilizes improved interface filters, featuring heat and moisture resistant, long service life, minimal center wavelength excursion, and single-noise ratio, etc. The main control system adopts industrial ARM and high precision $\sum$-ΔA/D transfer, with high measurement precision and reliability. Multilingual operation interface with real-time reaction curve display. 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℃, 30℃, 37℃, （±0.5℃）

Methodology:

Kinetic, 2-point rate, end point, multi-standard, absorbance, measure and calibration for QC and QC graphic.

Display:

Large LCD display. Multilingual display. Legible display in poor light.

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:

Boilt-in flash memory can save up to 200 test programs and 3000 results.
Ability to recover test resolts after accidental power-off.

Operating environment:

Power supply: 100~240VAC, 50Hz/60Hz
Temperature: 15℃~30℃
Relative Humidity: 75%RH
Dimension: 462mm×418mm×232mm
Weight: 6.5kg

Specification:

Wavelength range: 8 wavelengths optional
Wavelength Accuracy: ±2nm
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 2mABS/hour
Measure repeatability: 2mABS

Measurement time: 0～999s programmable
Delay time: 0～999s programmable
Memory: 200 testing programs , 3000 testing results
Sampling: 100～9999µl programmable
Flowcell volume: 32µl
Cross-contamination: ≤1%
Absorbancy repeatability: CV≤1%
Display: 240x128 dot-matrix LCD
Power consumption: 85W

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