RT-1904CV Veterinary Chemistry Analyzer

System Specifications

Features :
I.   Capable of testing 12 kinds of animals, including the 8 predefined (dog,cat,horse,pig,cow,buffalo,sheep,rabbit), with other 4 to be defined by the user.
II.   34 of the most commonly assays are stored in the flashing RAM of the RT-1904CV, which enables user can start working right away with the instrument. 20 of assays can be programmed.
III.   Built-in 7 testing mode,automatic guidance of user's operation
IV.   6 Analytical Modes:Endpoint,Bichromatic,Liner regression, Multi-Calibration,Two-point,Kinetics
V.   Biochromatic optic system with 7 wavelengths
VI.   Large color LCD display,Win CE compatible operating system
VII.   Reaction curve displayed
VIII. Quality control feature
IX.   Multi-forms in result output including animal comprehensive report
X.   The user could connect the unit to the PC of clinic lab by RS232 interface.

Principle	Absorbance
Resolution	001Abs(display),0.0001Abs(calculation)
Interference filters	340nm, 405nm, 500nm, 546nm, 578nm, 620nm, and 670nm
Half band width	<10nm
Flow cell	30µl quartz flow cell
Fill volume range	200µl-2000µl
Temperature controller	Peltier,25℃,30℃,37℃±0.1℃ and ambient temperature
Resolving power	0.001 abs (display), 0.0001 abs (calculation)
Measurement range	0.000-2.500 abs
Stability	No more than 0.003A/hour
Display	7" color LCD(640 x240 discernibility,256 colors)
Input	External mouse and keyboard
Output	Built-in printer or external parallel printer
Data Storage Capacity	160 test parameters,up to 600 sample results
Data Communication	RS-232 serial cable
Dimensions L x W x H(mm)	450 x330x140
Weight	10KG
Power supply	AC 90V-250V,50-60Hz